

Processes Matching \$KEY\$ Memory by SSH

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Les Erreurs

Erreurs de connexion (communes à tous les checks)

UNKNOWN – Username/PublicKey combination invalid

UNKNOWN – Unable to extract public key from private key file : Unable to open private key file

UNKNOWN – Unable to extract public key from private key file : Wrong passphrase or invalid/unrecognized private key file format


UNKNOWN – Connection refused (os error 111)

UNKNOWN – Name or service not known

Contexte

Le check **Processes Matching \$KEY\$ Memory by SSH** permet de vérifier la consommation de la mémoire d'un seul ou plusieurs processus. Il permet donc de garder un œil sur le ou les processus de votre choix.

Le check utilise une donnée Duplicate Foreach qui permet de générer plusieurs fois le check pour chaque processus ou ensemble de processus à superviser.

| Statut | Nom de check | Résultat | Résultat Long | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|---|--------------|-----------|------------|-----|-------------------------------------|---|----------|---|----------------------------|---|---------|---|----------------------------|---|---------|-------|----------------------------|---|---------|------|--|---|---------|---|-------------------------------------|---|---------|-----|--|---|---------|---|-----------------------------------|---|---------|-----|---|---|---------|---|----------------------------------|---|---------|-----|
|  | Processes Matching [systemd] Memory by SSH | <p>OK Found 6 process(es) matching 'systemd'.</p> <p>OK The memory used by each group(s) of process is lower than 100MB.</p> | <table border="1"><thead><tr><th>Process name</th><th>Count (6)</th><th>RSS Memory</th><th>PID</th></tr></thead><tbody><tr><td>Group #1 - /usr/lib/systemd/systemd</td><td>3</td><td>25.19 MB</td><td>-</td></tr><tr><td>• /usr/lib/systemd/systemd</td><td>-</td><td>9.62 MB</td><td>1</td></tr><tr><td>• /usr/lib/systemd/systemd</td><td>-</td><td>9.24 MB</td><td>18375</td></tr><tr><td>• /usr/lib/systemd/systemd</td><td>-</td><td>6.33 MB</td><td>4817</td></tr><tr><td>Group #2 - /usr/lib/systemd/systemd-journald</td><td>1</td><td>8.58 MB</td><td>-</td></tr><tr><td>• /usr/lib/systemd/systemd-journald</td><td>-</td><td>8.58 MB</td><td>693</td></tr><tr><td>Group #3 - /usr/lib/systemd/systemd-logind</td><td>1</td><td>6.24 MB</td><td>-</td></tr><tr><td>• /usr/lib/systemd/systemd-logind</td><td>-</td><td>6.24 MB</td><td>892</td></tr><tr><td>Group #4 - /usr/lib/systemd/systemd-udevd</td><td>1</td><td>5.77 MB</td><td>-</td></tr><tr><td>• /usr/lib/systemd/systemd-udevd</td><td>-</td><td>5.77 MB</td><td>737</td></tr></tbody></table> | Process name | Count (6) | RSS Memory | PID | Group #1 - /usr/lib/systemd/systemd | 3 | 25.19 MB | - | • /usr/lib/systemd/systemd | - | 9.62 MB | 1 | • /usr/lib/systemd/systemd | - | 9.24 MB | 18375 | • /usr/lib/systemd/systemd | - | 6.33 MB | 4817 | Group #2 - /usr/lib/systemd/systemd-journald | 1 | 8.58 MB | - | • /usr/lib/systemd/systemd-journald | - | 8.58 MB | 693 | Group #3 - /usr/lib/systemd/systemd-logind | 1 | 6.24 MB | - | • /usr/lib/systemd/systemd-logind | - | 6.24 MB | 892 | Group #4 - /usr/lib/systemd/systemd-udevd | 1 | 5.77 MB | - | • /usr/lib/systemd/systemd-udevd | - | 5.77 MB | 737 |
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Paramétrage

Le check utilise la ligne de commande suivante :

```

$LINUXBYSSH_SHINKEN_PLUGINDIR$/check_linux_health_by_ssh_rust --check check_process
-H "$HOSTADDRESS$"
-u "$_HOSTSSH_USER$"
-p "$_HOSTSSH_PORT$"
-i "$_HOSTSSH_KEY$"
-P "$_HOSTSSH_KEY_PASSPHRASE$"
-w "$_SERVICEPROCESS_WARNING$"
-c "$_SERVICEPROCESS_CRITICAL$"
-C "$ARG1$"
-X "$_SERVICEPROCESS_HIDE_ALL$"
-S "$_SERVICEPROCESS_SUM_ALL$"
-r "$_SERVICEUSE_REGEX_TO_MATCH_PROCESS$"
-x "$_SERVICEPROCESS_MATCH_X_WORDS$"
-T "$_SERVICEUSE_MEMORY_THRESHOLD_ON$"
--min-count "$_SERVICEMIN_PROCESS_COUNT$"
--max-count "$_SERVICEMAX_PROCESS_COUNT$"

```

Données DFE (Duplicate Foreach)

| Donnée | Description | Exemple |
|--------------------|---|--|
| PROCESSES_TO_CHECK | Définit une paire KEY\$(VALUE)\$, la KEY correspond à la description du processus à vérifier et la VALUE au nom du processus. | SYSTEM\$(/usr/lib/systemd/systemd)\$, DATABASE\$(mongod)\$ |

? PROCESSES_TO_CHECK process_1\$([a-z]+graphitel)?\$\$,process_2\$(/*)?+/httpd\$\$

Utilisé par les checks 2 / 4 Non utilisé par les checks 2 / 4

i Si vous avez des difficultés à trouver les processus à superviser, essayez en premier lieu de les trouver sur la machine supervisée avec la commande ps et grep :

```
ps ax -o user,pid,command --columns 10000 | grep NOM_DE_PROCESS
```

Plus d'information sont disponibles, concernant le mécanisme de **Duplicate Foreach**, sur la page [Dupliquer des checks en fonction d'une liste de valeurs présentes dans la Donnée d'un hôte \(duplicate_foreach\)](#)

Données utilisées provenant du modèle

Données communes pour les checks des modèles

Authentification

| Nom | Modifiable sur | Unité | Défaut | Valeur par défaut à l'installation de Shinken | Description |
|---------|-------------------------------------|-------|------------------|---|--|
| SSH_KEY | l'Hôte <i>(Onglet Données)</i> | -- | \$_SSH_KEY_KEY\$ | <i>~/ssh/id_rsa</i> | Chemin vers la clé SSH privé de l'utilisateur shinken, sur le serveur hébergeant le Poller qui exécutera le check. <ul style="list-style-type: none"> Cette clé doit être présente dans les clefs autorisées du compte utilisateur utilisé pour se connecter sur le serveur linux supervisé (voir la donnée <i>SSH_USER</i> si dessous). |

| | | | | | |
|--------------------|------------------------------|----|------------------------|---------|--|
| SSH_KEY_PASSPHRASE | l'Hôte (Onglet Données) | -- | \$SSH_KEY_PASSPHRASE\$ | " | Phrase secrète utilisée pour déchiffrer la clé privée de l'utilisateur (<i>si celle-ci est protégée par une passphrase</i>). La clé privée déchiffré est ensuite utilisée pour authentifier l'utilisateur. |
| SSH_PORT | l'Hôte (Onglet Données) | -- | \$SSH_PORTS\$ | 22 | Port de connexion SSH. |
| SSH_USER | l'Hôte (Onglet Données) | -- | \$SSH_USERS\$ | shinken | Nom de l'utilisateur pour se connecter sur le serveur supervisé. |

Données spécifiques pour ce check

| Donnée | Modifiable sur | Unité | Valeur par défaut | Description |
|----------------------------|------------------------------|-------|-------------------|--|
| PROCESS_WARNING | l'Hôte (Onglet Données) | MB | 100MB | Seuil de consommation mémoire au-dessus duquel un ATTENTION est déclenché |
| PROCESS_CRITICAL | l'Hôte (Onglet Données) | MB | 200MB | Seuil de consommation mémoire au-dessus duquel un CRITIQUE est déclenché |
| PROCESS_HIDE_ALL | l'Hôte (Onglet Données) | bool | False | Active/désactive l'affichage des métriques de ce check |
| USE_REGEX_TO_MATCH_PROCESS | l'Hôte (Onglet Données) | bool | False | Active ou désactive l'utilisation de regex <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"> <p>i Remarque</p> <p>Voici des exemple de regex si USE_REGEX_TO_MATCH_PROCESS est à True :</p> <ul style="list-style-type: none"> (wsgi:graphite) => \([a-z]+:graphite)\?\$\$ /usr/sbin/httpd => /[^\?]+\httpd\$\$ </div> |
| PROCESS_MATCH_WORDS | l'Hôte (Onglet Données) | -- | 1 | <p>Lors de la récupération des lignes de commandes de processus, définit le nombre de mots à utiliser pour la comparaison aux filtres et la génération des métriques.</p> <ul style="list-style-type: none"> Identifier les mots est basé sur les espaces. Dès que la sonde trouve un espace, elle compte un mot. <p>Il permet de tronquer une partie ou l'ensemble des arguments des lignes de commandes. Il est utilisé pour :</p> <ul style="list-style-type: none"> Éviter que des arguments sensibles des lignes (mots de passe, token de connexion ...) soient récupérés et affichés dans les résultats du check. Éviter que des arguments variables (token, date, uid ...) soient utilisés pour générer des métriques uniques. Sans cela, pour chaque nouvelle valeur d'un argument, une nouvelle métrique sera générée pour le même groupe de processus, rendant difficile de suivre les métriques d'un même groupe de processus. <p>Valeurs possibles :</p> <ul style="list-style-type: none"> "ALL" : L'ensemble de la ligne de commande de chaque processus va être utilisé. nombre positif : Uniquement les X premiers mots de la ligne de commande de chaque processus va être utilisé. |

| | | | | |
|-------------------------|------------------------------|------|-------|---|
| USE_MEMORY_THRESHOLD_ON | l'Hôte (Onglet Données) | -- | group | Définit comment sont utilisés les seuils PROCESS_WARNING et PROCESS_CRITICAL . Valeurs possibles : <ul style="list-style-type: none"> ▪ sum : Les seuils vont être comparés à la somme de la consommation mémoire des processus. ▪ group : Les seuils vont être comparés à la consommation mémoire de chaque groupe de processus. La consommation mémoire d'un groupe de processus est la somme de la consommation mémoire des processus qui le composent. Les processus ayant le même nom sont regroupés au sein d'un même groupe. ▪ process : Les seuils vont être comparés à la consommation mémoire de chaque processus. |
| MIN_PROCESS_COUNT | l'Hôte (Onglet Données) | -- | 1 | Nombre minimum de processus à correspondre. Si trop peu de processus correspondent aux filtres, un statut INCONNU sera déclenché. Les erreurs générées par les seuils PROCESS_WARNING et PROCESS_CRITICAL sont prioritaires sur le retour de la sonde. |
| MAX_PROCESS_COUNT | l'Hôte (Onglet Données) | -- | NONE | Nombre maximum de processus à correspondre. Si trop de processus correspondent aux filtres, un statut INCONNU sera déclenché. Les erreurs générées par les seuils PROCESS_WARNING et PROCESS_CRITICAL sont prioritaires sur le retour de la sonde. Valeurs possibles : <ul style="list-style-type: none"> ▪ "NONE" : Aucune vérification ne sera effectuée. ▪ Entier positif : Vérification. |
| PROCESS_SUM_ALL | l'Hôte (Onglet Données) | bool | False | Active/désactive le calcul de la consommation de la mémoire sur un ensemble de processus. Paramètre déprécié : Utilisez USE_MEMORY_THRESHOLD_ON : sum. Si configuré à "True", la donnée sera utilisée à la place de USE_MEMORY_THRESHOLD_ON pour déterminer comment les seuils sont utilisés. Cela permet de ne pas casser sa configuration des checks lors de la mise à jour du pack. |

Données utilisées provenant du check

Pour utiliser ce check il vous faudra tout d'abord définir une paire **KEY\$(VALUE)\$** dans la donnée **PROCESSES_TO_CHECK**. Cette donnée est une donnée DFE (Duplicate Foreach), on peut donc chaîner plusieurs paires **KEY\$(VALUE)\$**.

Exemple

Résultat

Exemple

| Statut | Nom de check | Résultat | Résultat Long | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--------------|-----------|------------|-----|---|--|--|--|-------------------------------------|---|----------|---|----------------------------|---|---------|---|----------------------------|---|---------|-------|----------------------------|---|---------|------|--|---|---------|---|-------------------------------------|---|---------|-----|--|---|---------|---|-----------------------------------|---|---------|-----|--|---|---------|---|---------------------------------|---|---------|-----|
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Interprétation des données

Statut

Il peut prendre quatre valeurs **OK** / **CRITIQUE** / **ATTENTION** / **IN CONNU**

- Le statut va dépendre du retour de sonde et de la configuration spécifique du check pour les données suivantes :
 - PROCESS_CRITICAL**
 - PROCESS_WARNING**
 - MIN_PROCESS_COUNT**
 - MAX_PROCESS_COUNT**
- Voici un tableau récapitulatif du statut attendu suivant le retour de sonde :

Le texte de la colonne "Affichage des seuils" montre les paramètres utilisés et leur valeur définie sur l'équipement supervisé.

Critical Warning

MEMORY used > 200 MB > 100 MB
by the top process in MB PROCESS_CRITICAL PROCESS_WARNING

| Situation | Statut | Exemple | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|--------------|-----------|---------------|-----|---|---|---|--------------|--|------------|-----------|---|-------------------------------|---|-----------|--|-------------------------------|-----------|-----------|-------------------------------|-------------------------------|-----------|-----------|-------------------------------|-------------------------|-----------|----------|-------------------------------|-------------------------|-----------|----------|-------------------------|-------------------------|----------|----------|-------------------------|-------------------------|----------|----------|-------------------------|-------------------------|----------|----------|-------------------------|-------------------------|----------|----------|-------------------------|---|----------|------|-------------------------|---|----------|------|
| <ul style="list-style-type: none"> USE_MEMORY_THRESHOLD_ON vaut "group", et la consommation mémoire d'un ou plusieurs groupes de processus dépasse PROCESS_CRITICAL | CRITIQUE | <table border="1"> <thead> <tr> <th>Statut</th> <th>Nom de check</th> <th>Résultat</th> <th>Résultat Long</th> </tr> </thead> <tbody> <tr> <td></td> <td>Processes Matching [shinken-synchronizer] Memory by SSH</td> <td> <p>OK Found 3 process(es) matching regex 'shinken-sync*':</p> <p>CRITICAL 1 group(s) of process use more than 200MB of memory.</p> </td> <td> <table border="1"> <thead> <tr> <th>Process name</th> <th>Count (3)</th> <th>RSS Memory</th> <th>PID</th> </tr> <tr> <td colspan="4">Memory thresholds are compared with each group.</td> </tr> </thead> <tbody> <tr> <td>Group #1 - shinken-synchronizer-master</td> <td>3</td> <td>427.49 MB</td> <td>-</td> </tr> <tr> <td>• shinken-synchronizer-master</td> <td>-</td> <td>188.95 MB</td> <td>190447</td> </tr> <tr> <td>• shinken-synchronizer-master</td> <td>-</td> <td>131.12 MB</td> <td>190336</td> </tr> <tr> <td>• shinken-synchronizer-master</td> <td>-</td> <td>107.41 MB</td> <td>190407</td> </tr> </tbody> </table> </td> </tr> </tbody> </table> | Statut | Nom de check | Résultat | Résultat Long | | Processes Matching [shinken-synchronizer] Memory by SSH | <p>OK Found 3 process(es) matching regex 'shinken-sync*':</p> <p>CRITICAL 1 group(s) of process use more than 200MB of memory.</p> | <table border="1"> <thead> <tr> <th>Process name</th> <th>Count (3)</th> <th>RSS Memory</th> <th>PID</th> </tr> <tr> <td colspan="4">Memory thresholds are compared with each group.</td> </tr> </thead> <tbody> <tr> <td>Group #1 - shinken-synchronizer-master</td> <td>3</td> <td>427.49 MB</td> <td>-</td> </tr> <tr> <td>• shinken-synchronizer-master</td> <td>-</td> <td>188.95 MB</td> <td>190447</td> </tr> <tr> <td>• shinken-synchronizer-master</td> <td>-</td> <td>131.12 MB</td> <td>190336</td> </tr> <tr> <td>• shinken-synchronizer-master</td> <td>-</td> <td>107.41 MB</td> <td>190407</td> </tr> </tbody> </table> | Process name | Count (3) | RSS Memory | PID | Memory thresholds are compared with each group. | | | | Group #1 - shinken-synchronizer-master | 3 | 427.49 MB | - | • shinken-synchronizer-master | - | 188.95 MB | 190447 | • shinken-synchronizer-master | - | 131.12 MB | 190336 | • shinken-synchronizer-master | - | 107.41 MB | 190407 | | | | | | | | | | | | | | | | | | | | | | | | |
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| • shinken-poller-master | - | 40.17 MB | 3035 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 40.19 MB | 3040 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 40.69 MB | 3076 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 39.50 MB | 3033 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 39.58 MB | 3047 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 39.65 MB | 3052 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 39.67 MB | 3061 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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• **USE_MEMORY_THRESHOLD_ON** vaut "sum" et la somme de la consommation mémoire des processus dépasse **PROCESS_CRITICAL**

CRITIQUE

| Statut | Nom de check | Résultat | Résultat Long | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|--|---|--------------|------------|------------|-----|---------------------------------------|---|-----------|---|------------------------------|---|----------|------|------------------------------|---|----------|------|------------------------------|---|----------|------|------------------------------|---|----------|------|------------------------------|---|----------|------|------------------------------|---|----------|------|------------------------------|---|----------|------|------------------------------|---|----------|------|------------------------------|---|----------|------|----------------------------------|---|-----------|---|-------------------------|---|----------|------|-------------------------|---|----------|------|-------------------------|---|----------|------|-------------------------|---|----------|------|-------------------------|---|----------|------|-------------------------|---|----------|------|-------------------------|---|----------|------|-------------------------|---|----------|------|-------------------------|---|----------|------|------------------------------------|---|----------|---|---------------------------|---|----------|------|---------------------------|---|----------|------|
| | Processes Matching [shinken-poller] Memory by SSH | <p>OK Found 20 process(es) matching regex '(shinken-poller*)(shinken-rec)*'. CRITICAL The sum of the 20 process(es) matching '(shinken-poller*)(shinken-rec)*' use more than 500MB. (832MB)</p> | <p>RSS Memory (832.42 MB)</p> <p>Memory thresholds are compared with the total sum (above).</p> <p>The sum of the 20 process(es) use more than 500MB.</p> <table border="1"> <thead> <tr> <th>Process name</th> <th>Count (20)</th> <th>RSS Memory</th> <th>PID</th> </tr> </thead> <tbody> <tr> <td>Group #1 - shinken-reactionner-master</td> <td>9</td> <td>379.34 MB</td> <td>-</td> </tr> <tr> <td>• shinken-reactionner-master</td> <td>-</td> <td>50.69 MB</td> <td>3176</td> </tr> <tr> <td>• shinken-reactionner-master</td> <td>-</td> <td>42.62 MB</td> <td>3204</td> </tr> <tr> <td>• shinken-reactionner-master</td> <td>-</td> <td>42.63 MB</td> <td>3218</td> </tr> <tr> <td>• shinken-reactionner-master</td> <td>-</td> <td>40.65 MB</td> <td>3210</td> </tr> <tr> <td>• shinken-reactionner-master</td> <td>-</td> <td>40.73 MB</td> <td>3225</td> </tr> <tr> <td>• shinken-reactionner-master</td> <td>-</td> <td>40.73 MB</td> <td>3231</td> </tr> <tr> <td>• shinken-reactionner-master</td> <td>-</td> <td>40.79 MB</td> <td>3235</td> </tr> <tr> <td>• shinken-reactionner-master</td> <td>-</td> <td>40.79 MB</td> <td>3246</td> </tr> <tr> <td>• shinken-reactionner-master</td> <td>-</td> <td>39.72 MB</td> <td>3202</td> </tr> <tr> <td>Group #2 - shinken-poller-master</td> <td>9</td> <td>361.80 MB</td> <td>-</td> </tr> <tr> <td>• shinken-poller-master</td> <td>-</td> <td>42.53 MB</td> <td>3008</td> </tr> <tr> <td>• shinken-poller-master</td> <td>-</td> <td>40.16 MB</td> <td>3035</td> </tr> <tr> <td>• shinken-poller-master</td> <td>-</td> <td>40.16 MB</td> <td>3040</td> </tr> <tr> <td>• shinken-poller-master</td> <td>-</td> <td>40.69 MB</td> <td>3076</td> </tr> <tr> <td>• shinken-poller-master</td> <td>-</td> <td>39.48 MB</td> <td>3033</td> </tr> <tr> <td>• shinken-poller-master</td> <td>-</td> <td>39.56 MB</td> <td>3047</td> </tr> <tr> <td>• shinken-poller-master</td> <td>-</td> <td>39.62 MB</td> <td>3052</td> </tr> <tr> <td>• shinken-poller-master</td> <td>-</td> <td>39.66 MB</td> <td>3061</td> </tr> <tr> <td>• shinken-poller-master</td> <td>-</td> <td>39.93 MB</td> <td>3072</td> </tr> <tr> <td>Group #3 - shinken-receiver-master</td> <td>2</td> <td>91.28 MB</td> <td>-</td> </tr> <tr> <td>• shinken-receiver-master</td> <td>-</td> <td>46.39 MB</td> <td>3428</td> </tr> <tr> <td>• shinken-receiver-master</td> <td>-</td> <td>44.89 MB</td> <td>3401</td> </tr> </tbody> </table> | Process name | Count (20) | RSS Memory | PID | Group #1 - shinken-reactionner-master | 9 | 379.34 MB | - | • shinken-reactionner-master | - | 50.69 MB | 3176 | • shinken-reactionner-master | - | 42.62 MB | 3204 | • shinken-reactionner-master | - | 42.63 MB | 3218 | • shinken-reactionner-master | - | 40.65 MB | 3210 | • shinken-reactionner-master | - | 40.73 MB | 3225 | • shinken-reactionner-master | - | 40.73 MB | 3231 | • shinken-reactionner-master | - | 40.79 MB | 3235 | • shinken-reactionner-master | - | 40.79 MB | 3246 | • shinken-reactionner-master | - | 39.72 MB | 3202 | Group #2 - shinken-poller-master | 9 | 361.80 MB | - | • shinken-poller-master | - | 42.53 MB | 3008 | • shinken-poller-master | - | 40.16 MB | 3035 | • shinken-poller-master | - | 40.16 MB | 3040 | • shinken-poller-master | - | 40.69 MB | 3076 | • shinken-poller-master | - | 39.48 MB | 3033 | • shinken-poller-master | - | 39.56 MB | 3047 | • shinken-poller-master | - | 39.62 MB | 3052 | • shinken-poller-master | - | 39.66 MB | 3061 | • shinken-poller-master | - | 39.93 MB | 3072 | Group #3 - shinken-receiver-master | 2 | 91.28 MB | - | • shinken-receiver-master | - | 46.39 MB | 3428 | • shinken-receiver-master | - | 44.89 MB | 3401 |
| Process name | Count (20) | RSS Memory | PID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Group #1 - shinken-reactionner-master | 9 | 379.34 MB | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-reactionner-master | - | 50.69 MB | 3176 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-reactionner-master | - | 42.62 MB | 3204 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-reactionner-master | - | 42.63 MB | 3218 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-reactionner-master | - | 40.65 MB | 3210 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-reactionner-master | - | 40.73 MB | 3225 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-reactionner-master | - | 40.73 MB | 3231 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-reactionner-master | - | 40.79 MB | 3235 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-reactionner-master | - | 40.79 MB | 3246 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-reactionner-master | - | 39.72 MB | 3202 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Group #2 - shinken-poller-master | 9 | 361.80 MB | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 42.53 MB | 3008 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 40.16 MB | 3035 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 40.16 MB | 3040 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 40.69 MB | 3076 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 39.48 MB | 3033 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 39.56 MB | 3047 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 39.62 MB | 3052 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 39.66 MB | 3061 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 39.93 MB | 3072 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Group #3 - shinken-receiver-master | 2 | 91.28 MB | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-receiver-master | - | 46.39 MB | 3428 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-receiver-master | - | 44.89 MB | 3401 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

• **USE_MEMORY_THRESHOLD_ON** vaut "sum" et la somme de la consommation mémoire des processus dépasse **PROCESS_WARNING**

ATTENTION

| Statut | Nom de check | Résultat | Résultat Long | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|--------------|-----------|------------|-----|--|---|-----------|---|-------------------------------|---|-----------|-------|-------------------------------|---|-----------|-------|-------------------------------|---|-----------|-------|
| | Processes Matching [shinken-synchronizer] Memory by SSH | <p>OK Found 3 process(es) matching regex 'shinken-sync*'. WARNING The sum of the 3 process(es) matching 'shinken-sync*' use more than 400MB. (426MB)</p> | <p>RSS Memory (426.73 MB)</p> <p>Memory thresholds are compared with the total sum (above).</p> <p>The sum of the 3 process(es) use more than 400MB.</p> <table border="1"> <thead> <tr> <th>Process name</th> <th>Count (3)</th> <th>RSS Memory</th> <th>PID</th> </tr> </thead> <tbody> <tr> <td>Group #1 - shinken-synchronizer-master</td> <td>3</td> <td>426.73 MB</td> <td>-</td> </tr> <tr> <td>• shinken-synchronizer-master</td> <td>-</td> <td>187.99 MB</td> <td>19044</td> </tr> <tr> <td>• shinken-synchronizer-master</td> <td>-</td> <td>131.33 MB</td> <td>19033</td> </tr> <tr> <td>• shinken-synchronizer-master</td> <td>-</td> <td>107.41 MB</td> <td>19040</td> </tr> </tbody> </table> | Process name | Count (3) | RSS Memory | PID | Group #1 - shinken-synchronizer-master | 3 | 426.73 MB | - | • shinken-synchronizer-master | - | 187.99 MB | 19044 | • shinken-synchronizer-master | - | 131.33 MB | 19033 | • shinken-synchronizer-master | - | 107.41 MB | 19040 |
| Process name | Count (3) | RSS Memory | PID | | | | | | | | | | | | | | | | | | | | |
| Group #1 - shinken-synchronizer-master | 3 | 426.73 MB | - | | | | | | | | | | | | | | | | | | | | |
| • shinken-synchronizer-master | - | 187.99 MB | 19044 | | | | | | | | | | | | | | | | | | | | |
| • shinken-synchronizer-master | - | 131.33 MB | 19033 | | | | | | | | | | | | | | | | | | | | |
| • shinken-synchronizer-master | - | 107.41 MB | 19040 | | | | | | | | | | | | | | | | | | | | |

• **USE_MEMORY_THRESHOLD_ON** vaut "process" et la consommation mémoire d'un ou plusieurs processus dépasse **PROCESS_CRITICAL**

CRITIQUE

| Statut | Nom de check | Résultat | Résultat Long | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--|--------------|-----------|------------|-----|--|---|-----------|---|-------------------------------|---|-----------|-------|-------------------------------|---|-----------|-------|-------------------------------|---|-----------|-------|
| | Processes Matching [shinken-synchronizer] Memory by SSH | <p>OK Found 3 process(es) matching regex 'shinken-sync*'. CRITICAL 1 process(es) use more than 150MB of memory. WARNING 2 process(es) use more than 100MB and less than 150MB of memory.</p> | <p>RSS Memory</p> <p>Memory thresholds are compared with each process (lines with PID).</p> <p>One process uses more than 150 MB of memory.</p> <table border="1"> <thead> <tr> <th>Process name</th> <th>Count (3)</th> <th>RSS Memory</th> <th>PID</th> </tr> </thead> <tbody> <tr> <td>Group #1 - shinken-synchronizer-master</td> <td>3</td> <td>428.21 MB</td> <td>-</td> </tr> <tr> <td>• shinken-synchronizer-master</td> <td>-</td> <td>190.89 MB</td> <td>19044</td> </tr> <tr> <td>• shinken-synchronizer-master</td> <td>-</td> <td>130.16 MB</td> <td>19033</td> </tr> <tr> <td>• shinken-synchronizer-master</td> <td>-</td> <td>107.16 MB</td> <td>19040</td> </tr> </tbody> </table> | Process name | Count (3) | RSS Memory | PID | Group #1 - shinken-synchronizer-master | 3 | 428.21 MB | - | • shinken-synchronizer-master | - | 190.89 MB | 19044 | • shinken-synchronizer-master | - | 130.16 MB | 19033 | • shinken-synchronizer-master | - | 107.16 MB | 19040 |
| Process name | Count (3) | RSS Memory | PID | | | | | | | | | | | | | | | | | | | | |
| Group #1 - shinken-synchronizer-master | 3 | 428.21 MB | - | | | | | | | | | | | | | | | | | | | | |
| • shinken-synchronizer-master | - | 190.89 MB | 19044 | | | | | | | | | | | | | | | | | | | | |
| • shinken-synchronizer-master | - | 130.16 MB | 19033 | | | | | | | | | | | | | | | | | | | | |
| • shinken-synchronizer-master | - | 107.16 MB | 19040 | | | | | | | | | | | | | | | | | | | | |

• **USE_MEMORY_THRESHOLD_ON** vaut "process" et la consommation mémoire d'un ou plusieurs processus dépasse **PROCESS_WARNING**

ATTENTION

| Statut | Nom de check | Résultat | Résultat Long | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---|---|---|--------------|-----------|------------|-----|----------------------------------|---|-----------|---|-------------------------|---|----------|------|-------------------------|---|----------|------|-------------------------|---|----------|------|-------------------------|---|----------|------|-------------------------|---|----------|------|-------------------------|---|----------|------|-------------------------|---|----------|------|-------------------------|---|----------|------|-------------------------|---|----------|------|
| | Processes Matching [shinken-poller] Memory by SSH | <p>OK Found 9 process(es) matching regex 'shinken-poller*'. WARNING 1 group(s) of process use more than 300MB of memory.</p> | <p>RSS Memory</p> <p>Memory thresholds are compared with each group.</p> <p>One group uses more than 300 MB of memory.</p> <table border="1"> <thead> <tr> <th>Process name</th> <th>Count (9)</th> <th>RSS Memory</th> <th>PID</th> </tr> </thead> <tbody> <tr> <td>Group #1 - shinken-poller-master</td> <td>9</td> <td>345.70 MB</td> <td>-</td> </tr> <tr> <td>• shinken-poller-master</td> <td>-</td> <td>42.47 MB</td> <td>3008</td> </tr> <tr> <td>• shinken-poller-master</td> <td>-</td> <td>38.12 MB</td> <td>3035</td> </tr> <tr> <td>• shinken-poller-master</td> <td>-</td> <td>38.16 MB</td> <td>3040</td> </tr> <tr> <td>• shinken-poller-master</td> <td>-</td> <td>38.66 MB</td> <td>3076</td> </tr> <tr> <td>• shinken-poller-master</td> <td>-</td> <td>37.49 MB</td> <td>3033</td> </tr> <tr> <td>• shinken-poller-master</td> <td>-</td> <td>37.57 MB</td> <td>3047</td> </tr> <tr> <td>• shinken-poller-master</td> <td>-</td> <td>37.63 MB</td> <td>3052</td> </tr> <tr> <td>• shinken-poller-master</td> <td>-</td> <td>37.67 MB</td> <td>3061</td> </tr> <tr> <td>• shinken-poller-master</td> <td>-</td> <td>37.93 MB</td> <td>3072</td> </tr> </tbody> </table> | Process name | Count (9) | RSS Memory | PID | Group #1 - shinken-poller-master | 9 | 345.70 MB | - | • shinken-poller-master | - | 42.47 MB | 3008 | • shinken-poller-master | - | 38.12 MB | 3035 | • shinken-poller-master | - | 38.16 MB | 3040 | • shinken-poller-master | - | 38.66 MB | 3076 | • shinken-poller-master | - | 37.49 MB | 3033 | • shinken-poller-master | - | 37.57 MB | 3047 | • shinken-poller-master | - | 37.63 MB | 3052 | • shinken-poller-master | - | 37.67 MB | 3061 | • shinken-poller-master | - | 37.93 MB | 3072 |
| Process name | Count (9) | RSS Memory | PID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Group #1 - shinken-poller-master | 9 | 345.70 MB | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 42.47 MB | 3008 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 38.12 MB | 3035 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 38.16 MB | 3040 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 38.66 MB | 3076 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 37.49 MB | 3033 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 37.57 MB | 3047 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 37.63 MB | 3052 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 37.67 MB | 3061 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • shinken-poller-master | - | 37.93 MB | 3072 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|--|------------------------|--|
| <ul style="list-style-type: none"> Le nombre de processus trouvés correspondant aux filtres est inférieur à MIN_PROCESS_COUNT | <p>INCONNU</p> | |
| <ul style="list-style-type: none"> Le nombre de processus trouvés correspondant aux filtres est supérieur à MAX_PROCESS_COUNT | <p>INCONNU</p> | |
| <ul style="list-style-type: none"> Aucun processus correspondant aux filtres n'a été trouvé | <p>INCONNU</p> | |
| <ul style="list-style-type: none"> Le nombre de processus trouvés correspondant aux filtres est supérieur à MAX_PROCESS_COUNT et le seuil PROCESS_CRITICAL est dépassé. (<i>Le seuil de mémoire est prioritaire sur le retour de la sonde.</i>) | <p>CRITIQUE</p> | |

Résultat

Le résultat contient un message indiquant le status, si le ou les processus ont été trouvés, si la somme, les groupe ou les processus ne dépassent pas les limites de consommation mémoire fixés et si assez ou trop peu de processus trouvés correspondent aux filtres.

Résultat long

Le résultat long affiche un tableau de la consommation mémoire des processus trouvés correspondant aux filtres.

Le nom des processus trouvés dépend de **PROCESS_MATCH_X_WORDS** qui définit le nombre de mots que contient le nom du processus à afficher.

Le tableau affiche également des groupes de processus, qui sont un ensemble de processus allant le même nom.

Métriques

Définition

| Nom de la métrique | Unité | Description | Seuil d'avertissement | Seuil critique |
|----------------------------------|-------|--|-----------------------|----------------|
| -- _PROCESS_MEMORY_SUM_ -- | -- | Somme de la consommation mémoire des processus surveillés en MB. Métrique uniquement générée lorsque USE_MEMORY_THRESHOLD_ON vaut "sum", ou que la donnée dépréciée PROCESS_SUM_ALL vaut "True" si vous ne l'avez pas encore migré vers USE_MEMORY_THRESHOLD_ON . | -- | -- |
| (NOM_GROUPE_PROCESSUS) | -- | Consommation mémoire d'un groupe de processus en MB. Calculé à partir de la somme de la mémoire RSS de chaque processus au sein du groupe. Généré pour chaque groupe de processus trouvé. | -- | -- |



Remarque

Il est possible de ne retourner aucune métrique en configurant l'option **PROCESS_HIDE_ALL** du check.

Exemple

Métriques :

| Métrique | Valeur | Seuil d'avertissement | Seuil critique |
|-----------------|----------|-----------------------|----------------|
| (wsgi:graphite) | 190.90MB | 100.00 | 200.00 |

Les Erreurs

Erreurs de connexion (communes à tous les checks)

UNKNOWN – Username/PublicKey combination invalid

La connexion a échoué, car la paire utilisateur / clef public n'est pas reconnue par l'hôte supervisée.

| Statut | Nom de check | Résultat | Résultat Long |
|--------|--------------|--|---------------|
| | Uptime SSH | UNKNOWN Unable to authenticate to the current session. Check the information you have provided: SSH_CONNECTOR >>> [Session(-18)] Username/PublicKey combination invalid <<< | - |

Résolution :

Possibles raisons :

- L'utilisateur utilisé n'existe pas
- La paire utilisateur / clef public n'est pas autorisée pour se connecter sur la machine supervisée.


UNKNOWN – Unable to extract public key from private key file : Unable to open private key file

La clef privée configurée par la donnée SSH_KEY n'existe pas.

| Statut | Nom de check | Résultat | Résultat Long |
|--------|--------------|---|---------------|
| | Uptime SSH | UNKNOWN Unable to authenticate to the current session. Check the information you have provided: SSH_CONNECTOR >>> [Session(-16)] Unable to extract public key from private key file: Unable to open private key file <<< | - |

UNKNOWN – Unable to extract public key from private key file : Wrong passphrase or invalid/unrecognized private key file format

Le mot de passe pour déchiffrer la clef privé n'est pas correct.


| Statut | Nom de check | Résultat | Résultat Long |
|---|---------------|---|---------------|
|  | Uptime by SSH | UNKNOWN Unable to authenticate to the current session. Check the information you have provided : SSH_CONNECTOR >>> [Session(-16)] Unable to extract public key from private key file: Wrong passphrase or invalid/unrecognized private key file format <<< | - |

Résolution :

Vérifier la donnée SSH_KEY_PASSPHRASE.

UNKNOWN – Connection refused (os error 111)

La résolution DNS a échoué.


| Statut | Nom de check | Résultat | Résultat Long |
|---|--------------|---|---------------|
|  | Uptime SSH | UNKNOWN Unable to open a TCP stream. Check that hostname and port values are correct and that the machine is running : SSH_CONNECTOR >>> Connection refused (os error 111) <<< | - |

Résolution :

Vérifier l'adresse ou le nom utilisé pour se connecter à l'hôte

UNKNOWN – Name or service not known

La résolution DNS a échoué.

| Statut | Nom de check | Résultat | Résultat Long |
|---|--------------|---|---------------|
|  | Uptime SSH | UNKNOWN Unable to open a TCP stream. Check that hostname and port values are correct and that the machine is running : SSH_CONNECTOR >>> failed to lookup address information: Name or service not known <<< | - |

Résolution :

Vérifier l'adresse ou le nom utilisé pour se connecter à l'hôte