
**
** Systemwalker Centric Manager **
** Open監視強化テンプレート (Zabbix4.0用) 第1.0版 説明書 **
**

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本書は、以下の構成で記述しています。

- 1 Open監視強化テンプレートの使用条件
 - 2 対象とする読者
 - 3 Open監視強化テンプレート概要
 - 3.1 機能概要
 - 3.2 対応テンプレート一覧
 - 4 動作環境
 - 4.1 ハードウェア資源
 - 4.2 ソフトウェア資源
 - 5 導入
 - 5.1 Open監視強化テンプレートのインストール
 - 5.2 Open監視強化テンプレートの利用
 - 6 削除
 - 6.1 注意事項
 - 6.2 Open監視強化テンプレートのアンインストール
- 付録 Zabbixについて

1 Open監視強化テンプレートの使用条件

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2 対象とする読者

本書は、Systemwalker Centric ManagerのOpen監視機能を使用する方を対象としています。「Zabbix 4.0」が提供する機能については、Zabbixのサイトで公開されている該当バージョンのマニュアル(以降、「Zabbixのマニュアル」と記載)を参照してください。

3 Open監視強化テンプレート概要

3.1 機能概要

Systemwalker Centric ManagerのOpen監視機能ではZabbixアイテム、Zabbixトリガー、Zabbixグラフの設定をテンプレートとして管理し、テンプレートをホストに適用することで監視設定を容易に管理することができます。テンプレートはXML形式のファイルでインポートすることができるようになっているため、Open監視強化テンプレートを利用して監視設定を簡略化することができます。

3.2 対応テンプレート一覧

Open監視強化テンプレート (swopn_template_zabbix40.zip) を展開すると、以下のようにZabbix 4.0用のテンプレートが含まれています。

a) templates¥classicフォルダ配下

テンプレート名	XMLファイル名
Template App Apache Tomcat JMX	template_app_apache_tomcat_jmx.xml
Template App FTP Service	template_app_ftp_service.xml
Template App Generic Java JMX	template_app_generic_java_jmx.xml
Template App HTTP Service	template_app_http_service.xml
Template App HTTPS Service	template_app_https_service.xml
Template App IMAP Service	template_app_imap_service.xml
Template App LDAP Service	template_app_ldap_service.xml
Template App NNTP Service	template_app_nntp_service.xml
Template App NTP Service	template_app_ntp_service.xml
Template App POP Service	template_app_pop_service.xml
Template App Remote Zabbix proxy	template_app_remote_zabbix_proxy.xml
Template App Remote Zabbix server	template_app_remote_zabbix_server.xml
Template App SMTP Service	template_app_smtp_service.xml
Template App SSH Service	template_app_ssh_service.xml

Template App Telnet Service	template_app_telnet_service.xml
Template App Zabbix Agent	template_app_zabbix_agent.xml
Template App Zabbix Proxy	template_app_zabbix_proxy.xml
Template App Zabbix Server	template_app_zabbix_server.xml
Template DB MySQL	template_db_mysql.xml
Template OS AIX	template_os_aix.xml
Template OS FreeBSD	template_os_freebsd.xml
Template OS HP-UX	template_os_hp-ux.xml
Template OS Linux	template_os_linux.xml
Template OS Mac OS X	template_os_mac_os_x.xml
Template OS OpenBSD	template_os_openbsd.xml
Template OS Solaris	template_os_solaris.xml
Template OS Windows	template_os_windows.xml
Template Server Intel SR1530 IPMI	template_server_intel_sr1530_ipmi.xml
Template Server Intel SR1630 IPMI	template_server_intel_sr1630_ipmi.xml
Template VM VMware	template_vm_vmware.xml
Template VM VMware Guest	
Template VM VMware Hypervisor	

b) templates¥moduleフォルダ配下

テンプレート名	XMLファイル名
Template Module ICMP Ping	00template_module_icmp_ping_EN.xml
Template Module EtherLike-MIB SNMPv1	template_module_ether_like_snmpv1_EN.xml
Template Module EtherLike-MIB SNMPv2	template_module_ether_like_snmpv2_EN.xml
Template Module Generic SNMPv1	template_module_generic_snmp_snmpv1_EN.xml

Template Module Generic SNMPv2	template_module_generic_snmp_SNMPv2_EN.xml
Template Module HOST-RESOURCES	template_module_host_resources_SNMPv1_EN.xml
-MIB storage SNMPv1	ml
Template Module HOST-RESOURCES	
-MIB memory SNMPv1	
Template Module HOST-RESOURCES	
-MIB CPU SNMPv1	
Template Module HOST-RESOURCES	
-MIB SNMPv1	
Template Module HOST-RESOURCES	template_module_host_resources_SNMPv2_EN.xml
-MIB storage SNMPv2	ml
Template Module HOST-RESOURCES	
-MIB memory SNMPv2	
Template Module HOST-RESOURCES	
-MIB CPU SNMPv2	
Template Module HOST-RESOURCES	
-MIB SNMPv2	
Template Module Interfaces	template_module_interfaces_simple_SNMPv1_EN.xml
Simple SNMPv1	
Template Module Interfaces	template_module_interfaces_simple_SNMPv2_EN.xml
Simple SNMPv2	
Template Module Interfaces	template_module_interfaces_SNMPv1_EN.xml
SNMPv1	
Template Module Interfaces	template_module_interfaces_SNMPv2_EN.xml
SNMPv2	
Template Module Interfaces	template_module_interfaces_win_SNMPv2_EN.xml
Windows SNMPv2	ml

c) templates¥netフォルダ配下

テンプレート名	XMLファイル名
Template Net Alcatel Timetra	template_net_alcatel_timetra_SNMPv2_EN.xml
TiMOS SNMPv2	
Template Net Arista SNMPv2	template_net_arista_SNMPv2_EN.xml
Template Net Brocade FC SNMPv2	template_net_brocade_fc_sw_SNMPv2_EN.xml
Template Module Brocade	template_net_brocade_foundry_sw_SNMPv2_EN.xml
_Foundry Performance SNMPv2	
Template Net Brocade_Foundry	

Nonstackable SNMPv2	
Template Net Brocade_Foundry	
Stackable SNMPv2	
+-----+-----+	
Template Module Cisco CISCO	template_net_cisco_SNMPv2_EN.xml
-MEMORY-POOL-MIB SNMPv2	
Template Module Cisco CISCO	
-PROCESS-MIB SNMPv2	
Template Module Cisco CISCO	
-PROCESS-MIB IOS versions	
12.0_3_T-12.2_3.5 SNMPv2	
Template Module Cisco OLD	
-CISCO-CPU-MIB SNMPv2	
Template Module Cisco	
Inventory SNMPv2	
Template Module Cisco CISCO	
-ENVMON-MIB SNMPv2	
Template Net Cisco IOS SNMPv2	
Template Net Cisco IOS	
versions 12.0_3_T-12.2_3.5	
SNMPv2	
Template Net Cisco IOS prior	
to 12.0_3_T SNMPv2	
+-----+-----+	
Template Net Dell Force	template_net_dell_force_s_series_SNMPv2_EN
S-Series SNMPv2	.xml
+-----+-----+	
Template Net D-Link DES_DGS	template_net_dlink_des_SNMPv2_EN.xml
Switch SNMPv2	
+-----+-----+	
Template Net D-Link DES 7200	template_net_dlink_des7200_SNMPv2_EN.xml
SNMPv2	
+-----+-----+	
Template Net Extreme EXOS	template_net_extreme_SNMPv2_EN.xml
SNMPv2	
+-----+-----+	
Template Net Network Generic	template_net_generic_SNMPv1_EN.xml
Device SNMPv1	
+-----+-----+	
Template Net Network Generic	template_net_generic_SNMPv2_EN.xml
Device SNMPv2	
+-----+-----+	
Template Net HP Comware HH3C	template_net_hp_hh3c_SNMPv2_EN.xml
SNMPv2	
+-----+-----+	
Template Net HP Enterprise	template_net_hp_hpn_SNMPv2_EN.xml
Switch SNMPv2	
+-----+-----+	
Template Net Huawei VRP SNMPv2	template_net_huawei_SNMPv2_EN.xml
+-----+-----+	

Template Net Intel_Qlogic Infiniband SNMPv2	template_net_intel_qlogic_infiniband_SNMPv 2_EN.xml	
Template Net Juniper SNMPv2	template_net_juniper_SNMPv2_EN.xml	
Template Net Mellanox SNMPv2	template_net_mellanox_SNMPv2_EN.xml	
Template Net Mikrotik SNMPv2	template_net_mikrotik_SNMPv2_EN.xml	
Template Net Netgear Fastpath SNMPv2	template_net_netgear_SNMPv2_EN.xml	
Template Net QTech QSW SNMPv2	template_net_qtech_SNMPv2_EN.xml	
Template Net TP-LINK SNMPv2	template_net_tplink_SNMPv2_EN.xml	
Template Net Ubiquiti AirOS SNMPv1	template_net_ubiquiti_airos_SNMPv1_EN.xml	

d) templates¥osフォルダ配下

テンプレート名	XMLファイル名	
Template OS Linux SNMPv2	template_os_linux_SNMPv2_EN.xml	

e) templates¥os¥windows_snmpフォルダ配下

テンプレート名	XMLファイル名	
Template OS Windows SNMPv2	template_os_windows_SNMPv2.xml	

f) templates¥serverフォルダ配下

テンプレート名	XMLファイル名	
Template Server Cisco UCS SNMPv2	template_server_cisco_ucs_SNMPv2_EN.xml	
Template Server Dell iDRAC SNMPv2	template_server_dell_idrac_SNMPv2_EN.xml	
Template Server HP iLO SNMPv2	template_server_hp_ilo_SNMPv2_EN.xml	
Template Server IBM IMM SNMPv1	template_server_ibm_imm_SNMPv1_EN.xml	
Template Server IBM IMM SNMPv2	template_server_ibm_imm_SNMPv2_EN.xml	
Template Server Supermicro Aten	template_server_supermicro_aten_SNMPv2_E	

4 動作環境

Open監視強化テンプレートの動作環境について説明します。

4.1 ハードウェア資源

Open監視強化テンプレートが必要とするディスク容量を以下に示します。

使用領域	必要な容量
Open監視強化テンプレート保存先	5MB以上

前提ソフトウェアが使用するディスク使用量に加えて、上記のディスク容量が必要です。

4.2 ソフトウェア資源

Open監視強化テンプレートは、以下の前提ソフトウェアがインストールされている環境で動作します。

- Linux版 Systemwalker Centric Manager V15.3.0 Open監視サーバ

※Open監視強化テンプレートはZabbix 4.0でエクスポートされたXMLファイルです。
対応XMLファイルのバージョン互換性は、Zabbixのマニュアルを参照してください。

5 導入

5.1 Open監視強化テンプレートのインストール

- swopn_template_zabbix40.zipを解凍します。
解凍先には、templatesフォルダが作成されます。

```
+-----+
| templates |
| +-+ classic |
| +-+ module |
| +-+ net |
| +-+ os |
| +-+ server |
+-----+
```

- Webブラウザから以下のURLを実行し、ZabbixのWebインターフェースにZabbix特権管理者のユーザでログインします。

```
+-----+
| http://Open監視サーバのコンピュータ名またはIPアドレス:9820/zabbix/ |
+-----+
```

使用可能なWebブラウザについてはZabbixのマニュアルを参照してください。

- [設定]メニューの[テンプレート]画面を表示し、利用するXMLファイルをインポートします。

(注1) 以下のXMLファイルは必須です (他は任意)。

```
templates¥classic¥template_app_zabbix_server.xml
templates¥classic¥template_app_zabbix_proxy.xml
templates¥classic¥template_app_zabbix_agent.xml
```

(注2) templates¥classic¥template_vm_vmware.xmlをインポートする場合、事前に[設定]メニューの[テンプレート]画面から以下の既存のテンプレートを選択し、ホストとのリンクをすべて削除した後、テンプレートを削除します。

Template Virt VMware
Template Virt VMware Guest
Template Virt VMware Hypervisor

また、上記の既存のテンプレートに設定を行っていた場合、インポート後に以下のテンプレートを利用し、再設定してください。

Template VM VMware
Template VM VMware Guest
Template VM VMware Hypervisor

(注3) [インポート]画面の[存在しない場合に削除]欄において、[アイテム]と[トリガー]をチェック後、[インポート]ボタンを押下します。

続いて「XMLファイル内に存在しないすべての要素を削除しますか？」の確認メッセージに対して[OK]ボタンを押下します。

インポートしたテンプレートはTemplatesホストグループに登録されます。

以上でOpen監視強化テンプレートのインストールは完了です。

5.2 Open監視強化テンプレートの利用

5.1でインポートしたテンプレートが利用可能になります。

テンプレートの利用方法についてはZabbixのマニュアルを参照してください。

6 削除

6.1 注意事項

以降の手順を実行すると、Open監視強化テンプレートによって実行されていた監視がすべて停止します。あらかじめ監視が停止しても問題無いか確認したうえで実行してください。

6.2 Open監視強化テンプレートのアンインストール

(1) Webブラウザから以下のURLを実行し、ZabbixのWebインターフェースにZabbix特権管理者のユーザでログインします。

```
+-----+  
|http://Open監視サーバのコンピュータ名またはIPアドレス:9820/zabbix/|  
+-----+
```

使用可能なWebブラウザについてはZabbixのマニュアルを参照してください。

(2) [設定]メニューの[テンプレート]画面からインポートしたテンプレートを選択し、ホストとのリンクをすべて削除した後、テンプレートを削除します。

以上でOpen監視強化テンプレートのアンインストールは完了です。

付録 Zabbixについて

本製品には、Zabbix SIA社 (<http://www.zabbix.com/jp/>)によって開発されたテンプレートが含まれています。

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```
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```

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```
Gnomovision version 69, Copyright (C) 19yy name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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