GFS

Configure Zabbix to Monitor N series Switches FSOS via SNMP

Models: N5850-48S6Q; N8550-48B8C; N8550-32C



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1. Preface

Zabbix is an open-source monitoring software for networks and applications. It can monitor many network parameters and the health and integrity of servers, virtual machines, and any other kind of network device. This document will guide you to import the FS template in Zabbix and apply the template to monitor the FS Switches. The version of Zabbix in this document is 4.4.4 (CentOS Linux version is 7.7, Mysql version is 5.6.46), and taking N5850-48S6Q switch as an example to monitor the switch.

2. Operation Guide

2.1 Operation Steps

- > Configure SNMP function of the switch
- Log in to Zabbix to import the "N5850-Series and N8550-Series FSOS" template
- Create host group N5850-Series-FSOS and link "N5850-Series and N8550-Series FSOS" template
- Create host, link N5850-Series-FSOS host group, link"N5850-Series and N8550-Series FSOS" template
- Monitor host data

2.2 Operation Process

2.2.1 Configure the Switch

Take N5850-48S6Q as an example to configure the SNMP function

FS#configure FS(config)# snmp version v2 FS(config)# snmp community public ro

2.2.2 Log in to Zabbix to Import Templates

Step 1: Open Zabbix login interface and enter the user name and password to log in to the Zabbix software.

Admin	
Password	
Remember me for 30 days	
Sign in	
Help • Support	

Step 2: Select the **Templates** under Configuration category, and click **Import** in the upper right corner to enter the template import interface.

ZABBIX « 🔊	Templates	Create template Import
٩		Filter T
💿 Monitoring -	Host groups	type here to search Select Taps And/Or Or
i≡ Inventory ~	Linked templates	type here to search Select tag Contains Equals value Remove
🔝 Reports 🗸 🗸	Name	A03
🔧 Configuration 🤸		Apply Reset
Host groups	Name 🔺 Hos	s Applications Items Triggers Graphs Dashboards Discovery Web Linked templates Linked to templates Tags
Templates	AIX Hos	s Applications 12 Items 43 Triggers 10 Graphs 4 Dashboards 1 Discovery 2 Web Zabbix agent
Hosts	Alcatel Timetra TIMOS SNMP Hos	s Applications 9 Items 18 Triggers 9 Graphs 3 Dashboards Discovery 6 Web EtherLike-MIB SMMP,

Step 3: Select the 'N5850-Series and N8550-Series FSOS', click the **Import** button to import it, and then you can see the "N5850-Series and N8550-Series FSOS" templates that have been successfully imported in the template list after the import success is displayed.

Z	ABBIX	« M	Import											
1		Q		Г	* Import file	Choose File	15050 0	rice and NO	EEO Carias ESC	20 vimi			7	
0	Monitori	ng -			Dulas	Choose File	10800-36	Undate exist	ing Create new	/ Delete missi	na			
:==	= Inventor				Rules	Groups		opuble exist		Delete missi	ng			
	- inventor					Hosts			~					
	Reports					Templates			~					
4	Configur	ation ^				Template das	hboards							
	Host arou	ne				Template linka	age		~					
	HUSEGIUU	μs				Applications			~					
	Templates					Items			~					
	Hosts					Discovery rule	es		~					
	Maintenar	nce				Triggers			~					
	Actions					Graphs			~					
	ACIONS					Web scenario	S		~					
	Event con	relation				Screens			~					
	Discovery					Maps			~					
	Services					Images			~					
	Administ	ration				Media types			~					
	Auminist					Value mappin	gs		~					
						Import	Cancel							
ZA	BBIX « 🛙	Templates											Create template	ī
	٩													F
•	Monitoring ~			Host groups	type here to search		Select	Tags And/Or	Or					
:=	Inventory ~			Linked templates	type here to search		Select	tag	Contains	Equals value		Remove		
11	Reports -			Name	FS			Add						
٩	Configuration ^						Ap	pply Reset						
	Host groups	Name 🛦		Hosts	Applications	Items	Triggers	Graphs	Dashboards	Discovery	Web	Linked templates	Linked to templates	
	Hosts	FS \$5860	and MOEER Parise EPOP	Hosts	Applications 9	Items 50	Triggers 3	Graphs 3	Dashboards 1	Discovery 1	Web	Interfaces SNMP		
- 3	Maintenance	NDSDU-Series	anu woodo-Series FSUS	HOSIS 2	Applications 6	items to	inggers z	Graphs 2	Dash00ards 1	Discovery 1	web	mienaces Sivme	Displaying	2 0
	Actions Event correlation	0 selected Export	Mass update Delete	Delete and clear										

2.2.3 Create Host Groups

ZAB	BIX « s	Host groups
	c	* Group name N5850-Series-ESOS
Mo	onitoring	Apply permissions and tag filters to all subgroups
i≡ Inv	ventory	Vpdate Clone Delete Cancel
📶 Re	eports	
🔧 Co	onfiguration	
Но	ost groups	
Ter	mplates	
Но	osts	
Ма	aintenance	

Step 1: Select the **host groups** and click the **Create host group** button in the upper-right corner.

Step 2: Create a host group named 'N5850-Series-FSOS' host group, then view the successfully created host group.

Z	ABBIX «	5	Host groups		
		۹			
0	Monitoring				Name N5850
≣	Inventory				Apply Reset
	Reports				
			Name ▲	Hosts	Templates
1	Configuration		N5850-Series-FSOS	Hosts 1	Templates 1
	Host groups				
	Templates				
	Hosts				
	Maintenance		0 selected Enable hosts Disable hosts Delete		
	1000000				

2.2.4 Create Hosts

Step 1: Enter Hosts page under Configuration, click on the Create Host button in the upper right corner to create the host.

ZABBIX Monitoring Inventory Reports Configuration Administration	Q G Support 🛛 Share ? 🛓 U
Host groups Templates Hosts Maintenance Actions Event correlation Discovery Services	FSzabby
Hosts	Group all Create host Import
	Filter 🗸
Name Monitored by Any Server Proxy	
Templates type here to search Select Prov Select	
DNS Tage AnalOx Or	
1p Lag Contains Equals Volte	Remove
Pot	
Apply Reset	
Name Applications litems Triggers Graphs Discovery Web Interface Proxy Templates	Status Availability Agent encryption Info Tags

Step 2: Create a host named N5850-48S6Q, select the N5850-Series-FSOS host group, enter the management IP address of the switch in the SNMP interfaces, remove the check box before Use bulk requests, and click Add.

ZA	ABBIX « 🗈	Hosts								
	Q	All hosts / N5850-48S6Q Enabled ZBX SN	MP JMX IPMI Applications 62 Items 514 Triggers 226 Graphs 58 Di	scovery rules 1 Web scenarios						
•	Monitoring ~	Host Templates 1 IPMI Tags Macros	1 Inventory Encryption							
:=	Inventory -	* Host name	N5850-48S6Q							
	Reports -	Visible name	Visible name N5850-48S6Q							
٩	Configuration ^	* Groups	N5850-Series-FSOS × type here to search	Select						
	Host groups	Interfaces	Type IP address DNS name	Connect to Port	Default					
	Templates		V SNMP 10.32.133.199	IP DNS 161	Remove					
	Hosts		Add							
	Maintenance	Description								
	Actions									
	Event correlation									
	Discovery									
	Services	Monitored by proxy	(no proxy) 🐱							
•	Administration ~	Enabled								
	a de la constante de	[Update Clone Full clone Delete Cancel							

Step 3: You can view the created hosts under the host list.

Z	ABBIX	≪ ⊠	Ho	osts										
		Q		Host upd	ated									
0	Monitoring													
≔	Inventory		1					NEGEO Orde	- F000 ++		Quint	Manifested by		
	Reports						Host groups	type here to search			Select	Proxy	Any Server Proxy Select	
٩	Configurati	on ^					Templates	type here to s	search		Select	Tags	And/Or Or	
	Host groups					Name						tag Contains Equals value		
	Templates			D									Add	
	Hosts						IP							
	Maintenance						Port							
	Actions											Apply	Reset	
	Event correla	tion	_											
	Discovery			Name 🔺	Applications	Items	Triggers	Graphs	Discovery	Web Ir	nterface	Proxy Tem	plates	
	Services			N5850-48S6Q	Applications 62	Items 514	Triggers 226	Graphs 58	Discovery 1	Web 1	0.32.133.199: 161	N58	50-Series and N8550-Series FSOS (Interfaces SNMP)	
	Administrat	ion 🗸												
			0	and married	E pression I E pres			and a second						

2.2.5 Link Template and Host Group

Step 1: Link the N5850-Series-FSOS host group in the "N5850-Series and N8550-Series FSOS" template.

Z	ABBIX «		Templates					
		۹	All templates / N5850-Series and N8550-Series R	Applications 6 Items 10 T	Triggers 2 Graphs 2	Dashboards 1	Discovery rules 1	Web
0	Monitoring		Template Linked templates 1 Tags Macr	os 1				
:=	Inventory		* Template name	N5850-Series and N8550-Series FS	OS			
11	Reports		Visible name	N5850-Series and N8550-Series FS	OS			
٩	Configuration	^	* Groups	N5850-Series-FSOS × type here to search			Select	
	Host groups		Description					
	Templates							
	Hosts							

Step 2: Link "N5850-Series and N8550-Series FSOS" template under N5850-48S6Q host.

Z	ABBIX < 🗉	Hosts
	م	All hosts N5850-48S6Q Enabled ZBX SNMP JMX IPMI Applications 62 Items 514 Triggers 226 Graphs 58 Discovery rules 1 Web scena
0	Monitoring	Host Templates 1 IPMI Tags Macros 1 Inventory Encryption
:=	Inventory	Linked templates Name Action
il.	Reports	VOSSU-Series and Nassu-Series FSUS
4	Configuration /	Link new templates type here to search Select
	Host groups	Update Clone Full clone Delete Cancel
	Templates	
	Hosts	
	Maintenance	
	Actions	

Step	3:	Return to	the h	nost i	interface,	you	can vi	iew th	e info	ormatio	n that	has	been	linked	to t	he tem	nplate ir	n the host	
					,	/													

Ζ	ABBIX « 🔊	Hosts											
	٩												
0	Monitoring ~				Host groups	N5850-Series	-FSOS ×		Select	Monitore	ed by Any Server Proxy		
:=	Inventory ~				Tomplatas	type here to s	earch		Polart	P	Proxy Sele	ct	
	Reports ~				Name	type nere to s	earch		Jeleu		Tags And/Or Or		1
٩	Configuration ^				DNS						Add	lue	Remove
	Host groups				IP								
Г	Templates				Port								
Ľ	Maintenance									Apply	Reset		
	Actions	Name 🛦	Applications	Items	Triggers	Graphs	Discovery	Web	Interface	Proxy	Templates	Status	Availability
	Event correlation	N5850-48S6Q	Applications 62	Items 514	Triggers 226	Graphs 58	Discovery 1	Web	10.32.133.199: 161		N5850-Series and N8550-Series FSOS (Interfaces SNMP)	Enabled	ZBX SNMP JMX IPMI
	Services												

2.2.6 Monitoring Switch Data

Select N5850-Series-FSOS Host groups and N5850-48S6Q Hosts, you can view that Zabbix has monitored the relevant information and data of the switch N5850-48S6Q.

ZABBI	X « 🗉	Latest data				
	Q					
Monito	oring ^		Host groups N5850-Series-FSOS ×	Select	Name	
Dashbo	shboard		type here to search		Show items without data	
Problem	ns		Hosts N5850-48S6Q ×	Select	Show details	
Hosts	ts		Application	Polost		
Overvie	ew .		Аррісацої	Geleci		
Latest o	data			Apply	Reset	
Screen	S					
Maps		▼ Host	Name 🛦		Last check	Last value
Discove	ery	* <u>N5850-48S6Q</u>	CPU (4 Items)			
Service	5		CPU current usage		2020-12-24 18:08:06	6.37 %
· · · · ·			CPU High threshold		2020-12-24 18:07:08	80 %
:= Invento	ory ~		CPU Low threshold		2020-12-24 18:07:09	0 %
Report	ts v		Max CPU usage		2020-12-24 18:07:10	25.88 %
🔧 Config	juration v	▼ <u>N5850-48S6Q</u>	Device Mac (1 Item)			
Admin	ietration		Device Mac		2020-12-24 18:07:12	68 21 5F B2 9E C4
		▼ <u>N5850-48S6Q</u>	Device Type (1 Item)			
			Device Type		2020-12-24 18:07:16	N5850-48S6Q
		▼ <u>N5850-48S6Q</u>	Interface 10GigaEthernet1/0/1() (9 Items)			
			Interface 10GigaEthernet1/0/1(): Bits received		2020-12-24 18:07:41	0 bps
9 Suppor			Interface 10GigaEthernet1/0/1(): Bits sent		2020-12-24 18:07:29	0 bps
_			Interface 10GigaEthernet1/0/1(): Inbound packets discarded		2020-12-24 18:05:49	0

2.3 Zabbix Personalized Customization

Zabbix's Dashboard can display visualized information and data (overview, map, chart, clock, etc.). Here we take the creation of CPU utilization as an example.

Step 1: Click Create dashboard in the upper right corner to create a dashboard.

ZABBI	< « 🗉	Dashboards	Create dashboard
	٩		Filler 😽
Monito	ring ^	Name A	
Dashbo	ard	₽ 8 N555-43560	My
Problem	5	Global view	My Shared
Hosts		Zaboki server heath	My Shared
Overvie			My
Latest	ata		Displaying 4 of 4 found
Screen		0 selected Column	
Maps			
Discovi			

Step 2: Create a dashboard named N5850-48S6Q dashboard.

ZABBI	X « 🗉	New dashboard		章 + Add widget Pasta widget Save changes Cancel
		All dashboards		
Monite	oring ^			
Dashb				
Problem				
Hosts	~~	Add a new widget		
Latest				
Screen				
Maps				
Discov			Parthand available X	
Service			Dustitional properties	
💷 Invent			* Owner Admin (Zabbix Administrator) × Select	
🛄 Repor			* Name N5850-48360	
🔦 Config	juration ~		Apply Cancel	

Step 3: Click anywhere on the dashboard to create a component, for example namded as cpu Utilization, select N5850-48S6Q host pattern, CPU item pattern of Data set, and click Create.

ZABBIX « 🗉	N5850-48S6Q		* Add widget Paste widget Save changes Can
٩	All dashboards		
Monitoring ^ Dashboard Problems			
Hosts Overview Latest data	Add a new widget		
Screens		Add widget	
Maps Discovery		Type Graph (classic) Show heador Type CPU Usage threshold	
i≡ Inventory ~		Refresh Interval Default († minute) v Source Crage Sumple graph	
🕰 Reports 🗸		* Graph IN5050-48590: CPU current usage × Select	
Administration -		Dynamic tem	
ZABBIX « S	N5850-48S6Q		* + Add widget Paste widget Save changes Car
Q	All dashboards		
Monitoring Dashboard			
Problems	CPU Usage threshold	÷ …	
Hosts Overview	20 5		
Latest data Screens			

Step 4: View the created components and save the dashboard.

4 Auch h

Inventor

II Reports



Of course, you can also configure the visualized information in the dashboard according to personal preferences.

alexand the destruction of most recently man alexand her land

17.22 17.26

2.4 FAQ

2.4.1 Template Import Failed

Due to the iteration of Zabbix version, the name of the public template provided by Zabbix may change. The template provided by FS refers to the public template "Template Module Interfaces SNMPv2". During the template import process, if the import fails, it prompts that the template is not found like below:

ZA	ABBIX «	50	Import
		Q	▲ Details Import failed
0	Monitoring		Cannot import template "N5850-Series and N8550-Series FSOS", linked template "Template Module Interfaces SNMPv2" does not exist.
:=	Inventory		
	Reports		* Import file Choose File No file chosen
٩	Configuration		Groups
	Administration	*	Templates

Please refer to below solution:

Step 1: Search for the keyword "Interfaces SNMP" in Zabbix, find the template, and record the template name.

Z	ABBIX « 🗈	Templates Import
	۹	Filter T
0	Monitoring ~	Host groups type here to search Select Tags And/Or Or
≔	Inventory -	Linked templates type here to search Select tag Contains Equals value Remove
	Reports v	Name Interfaces SNMP 3 Add
٩	Configuration 1,	Asply Reset
	Host groups	Name ▲ Hosts Applications Items Triggers Graphs Dashboards Discovery Web Linked templates Linked to templates Tags
	Templates 2	Interfaces SNMP Hosts Applications 1 Items Triggers Graphs Dashboards 1 Discovery 1 Web Alcatel Timetra TiMOS SNMP, Arista SNMP, Brocade FC SN
	Maintenance	DES 200 SNMP, D-Link DES_DGS Switch SNMP, D-Link DES 200 SNMP, D-Link DE
	Actions	SNMP, Huawei VRP SNMP, Intel. Qlogic Infiniband SNMP, Juniper SNMP, Linux SNMP, Mellanox SNMP, Mikrotik SNMP, Netgear Fastpath SNMP, QTech QSW SNMP
	Event correlation	Displaying 1 of 1 found
	Discovery	And the Annual Park Annual Contraction
	Services	u selected Export V mass update Delete Delete and clear

Step 2: Edit the template in text mode and replace "Template Module Interfaces SNMPv2" with the searched template name.

Ē	<template></template>
	<template>N5850-Series and N8550-Series FSOS<name>N5850-Series and N8550-Series FSOS</name> <templates></templates></template>
Ē	<pre><template></template></pre>
	<name>Interfaces SNMP</name>
-	
-	
中	<groups></groups>
L.	<aroup></aroup>





ZABBIX « 🗈	Import							
۹	Г	* Import file	Choose File N5850-S	eries and N855	0-Series FSO	S xml] 1	
Monitoring ~	L	Bulas		Undate existing	Create new	Delete missing		
:= Inventer/		Rules	Groups	opulie existing		Delete missing		
:= inventory •			Hosts		~			
🕕 Reports 🗸 🗸			Templates		~			
			Template dashboards		~			
Configuration			Template linkage		~			
Host groups			Applications		~			
Templates			Items		~			
Hosts			Discovery rules		~			
Maintenance			Triggers		~			
Actions			Graphs		~			
Event correlation			Web scenarios					
Discovery			oureens		×			
Seption			Images					
Services			Media types					
Administration -			Value mappings					
				_				
ZABBIX « 🗈	Import							
ZABBIX « 🔊	Import Imported successfully	У						
ZABBIX « Q Monitoring ~	Import Imported successfully	y .						
ZABBIX ≪ Q Monitoring ✓ i≡ Inventory ✓	Import Imported successfully	y * Import file	thoose File No file	chosen				
ZABBIX ≪ ⁵ Q Monitoring ∽ i≡ Inventory ∽ Reports ∽	Import Imported successfull	y * Import file C Rules Gro	Choose File No file Upda	chosen te existing Creat	e new Delete r	missing		
ZABBIX ≪ № Q Monitoring ~ im Inventory ~ Reports ~	Import Imported successfully	y * Import file C Rules Gro Hos	Choose File No file Upda ups ts	chosen te existing Creat	e new Delete r	missing		
ZABBIX < Q Monitoring Inventory Reports Configuration	Import Imported successfully	y * Import file C Rules Gro Hos Ten	thoose File No file Upda ups ts uplates	chosen te existing Creat	e new Delete r	missing		
ZABBIX < Q Q Monitoring Q Inventory Q Reports Q Configuration A Host groups	Import Imported successfully	y * Import file C Rules Gro Hos Tem Tem	Choose File No file Upda ups ts iplates uplate dashboards	chosen te existing Creat	e new Delete r 2 2	missing		
ZABBIX < N Q Q Q Monitoring Q Inventory Q Reports Q Configuration Host groups Templates	Import Imported successfully	y * Import file C Rules Gro Hos Ten Ten Ten	Choose File No file Upda ups ts uplates uplate dashboards uplate linkage	chosen te existing Creat	e new Delete r 2 2 2 2 2 2 2 2 2 2 2 2 2	missing		
ZABBIX < N Image: Configuration Image: Configuration Image: Configuration Image: Hosts	Import Imported successfully	y * Import file C Rules Gro Hos Ten Ten Ten App Iten	Choose File No file Upda ups ts splate dashboards uplate linkage lications	chosen te existing Creat	e new Delete r 2 2 2 2 2 2 2 2 2 2 2 2	missing		
ZABBIX < Monitoring Q Inventory Q Reports Q Reports Q Host groups A Templates Hosts Hosts Maintenance	Import Imported successfull	Y * Import file C Rules Gro Hos Tem Tem Tem App Item Dis	Choose File No file Upda ups ts uplates uplate dashboards uplate linkage lications ts covery rules	chosen te existing Creat	e new Delete r	missing		
ZABBIX < Q Monitoring Inventory Reports Reports Configuration Host groups Hosts Hosts Maintenance Actions	Import Imported successfully	Y * Import file C Rules Gro Hos Ten Ten Ten Iten Diss Trig	Choose File No file Upda ups ts hplates hplate dashboards hplate linkage ilications ts covery rules gers	chosen te existing Creat	e new Delete r 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	missing		
ZABBIX S Q Monitoring Inventory Inventory Reports Reports Configuration Host groups Templates Hosts Hosts Maintenance Actions Event correlation	Import Imported successfully	Y Rules Gro Hos Terr Ter Ter Iter Diss Trig Gra	Choose File No file Upda ups ts uplates uplate dashboards uplate linkage lications ts covery rules gers phs	chosen te existing Creat	e new Delete r 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	missing		
CABBIX < Image: Comparison of the compari	Import Imported successfully	y * Import file C Rules Gro Hos Ten Ten Ten Ten Iten Dise Trig Gra Wel	Choose File No file Upda ups ts splates splate dashboards splate linkage lications ts covery rules gers phs b scenarios	chosen	e new Delete r 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	missing		
Image: Services Image: Services	Import Imported successfully	y Rules Gro Hos Ten Ten Dis Iten Dis Gra Wel Scr	Choose File No file Upda ups ts splates splate dashboards splate linkage lications is covery rules gers phs o scenarios seens	chosen	e new Delete r 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	missing		
ZABBIX ≪ ∑ Image: Configuration ~ Image: Configuration ~ Configuration ~ Configuration ~ Configuration ~ Maintenance Actions Event correlation Discovery Services	Import Imported successfully	y Rules Rules Gro Hos Tem Tem Dis Item Dis Gra Wel Scra Mag	Choose File No file Upda ups ts splates splate dashboards uplate linkage ilications ts covery rules gers phs b scenarios eens 35	chosen te existing Creat	e new Delete r	missing		
∠ABBIX ≪ ∑ Q Q Q Monitoring Q Inventory Q Reports Q Configuration A Hosts Q Hosts Q Actions Q Discovery Q Services Q	Import Imported successfully	Y * Import file C Rules Ten Ten Ten Iten Disc Gra Wel Scr Maj Ima	Choose File No file Upda ups ts uplates uplate dashboards uplate linkage lications ts covery rules gers b scenarios eens 35 ges to honce	chosen	e new Delete r	missing		
∠ABBIX ≪ N ✓ √ √ ✓ Monitoring ✓ ✓ Inventory ✓ ✓ Reports ✓ ✓ Configuration ^ ✓ Configuration ✓ ✓ Configuration ✓ ✓ Host groups ✓ ✓ Hosts ✓ ✓ Actions ✓ Event correlation ✓ ✓ Øiscovery ✓ ✓ Services ✓ ✓	Import Imported successfully	Y * Import file Rules Ten Ten Ten Diss Trig Gra Wel Scr May Ima Med Valu	Choose File No file Upda ups ts uplates uplate dashboards uplate dashboards uplate linkage ulcations us covery rules gers phs b scenarios eens us ges dia types ue manpinos	chosen te existing Creat	e new Delete n 2 2 2 2 2 2 2 2 2 2 2 2 2	missing		
CABBIX C Image: Configuration C Image: Configuration C Reports C Reports C Image: Configuration C Host groups C Hosts C Reports C Event correlation C Discovery C Services C	Import Imported successfully	Y * Import file C Rules Gro Hos Ten Ten Ten Diss Iten Diss Gra Wel Scr May Ima Mer Valt	Choose File No file Upda ups ts hplates hplate dashboards hplate linkage lications hs covery rules gers phs o scenarios eens os ges ja types je mappings	chosen te existing Creat	e new Delete r 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	missing		

2.4.2 Monitor Host Failed

Due to the configuration of the SNMP community name of the switch(case-sensitive), the switch may not be monitored and managed by Zabbix, as shown in the following figure:

0	Monitoring ~			Host ç	groups	18550-48B8C ×			Select	Monitored by	Any	Server Proxy					
:=	E Inventory ~				0	ype here to search				Proxy	(Select				
	Reports			Tem	nplates ()	ype here to search			Select	Tags	And	VOr Or					
					Name						tag	Contains	Equals valu	10	Remove		
~	Configuration ~	1			DNS						Add						
	Host groups				IP												
_	Templates	_			Port												
	Hosts	2										_					
	Maintenance	-								Apply	Reset						
	Actions	Name 🔺	Applications	Items Trir	ggers	Graphs	Discovery	Web	Interface		Proxy	Templates		Status	Availability	Agent encryption	Info
	Event correlation	N8550-48B8C	Applications 72	Items 604 Triv	ggers 266	Graphs 68	Discovery 1	Web	10.32.135.80:	161		FS N5850-48S6Q (Interfaces SN	MP)	Enabled	ZBX SNMP JMX IPMI	None	
	Discovery														Timeout while or	innecting to "10.32.135.80:161".	ving 1 of
	Services																
	Administration ~	0 selected Enable	Disable Export	Mass update		ate											

Please refer to below solution:

Step 1: View and record the Zabbix host SNMP community name configuration.

ZA	ABBIX « 🔊	Hosts	
	٩	All hosts N5850-48S6Q Enabled ZBX SNMP JMX IPMI Applications 62 Items 514 Triggers 226 Graphs 58 Discover	ry rule
0	Monitoring ~	Host Templates 1 IPMI Tags Macros 1 Inventory Encryption	
: :: :	Inventory ~	* Host name N5850-48S6Q	
11.	Reports ~	Visible name N5850-48S6Q	
٩	Configuration ^	1 * Groups FS N5850-48S6Q × type here to search	Select
	Host groups	Interfaces Type IP address DNS name	Coni
	Templates	∧ SNMP 10.32.133.199	IP
	Hosts	2 SNMP version SNMPv2 V	
	Maintenance	* SNMP community {\$SNMP_COMMUNITY}	
	Actions	Use bulk requests	
	Event correlation	Add	
	Discovery	Description	
	Services		
2	Administration ~		

Hosts			
All hosts / N5850-48S6Q Enabled ZBX S	NMP JMX IPMI Applications 62 Items 5	14 Triggers 226 Graphs 58 Discovery rul	es 1 Web scenarios
Host Templates 1 IPMI Tags Macro	s 1 Inventory Encryption		
	Host macros Inherited and host macros	2	
	Macro	Effective value	Template value
	{\$IF.ERRORS.WARN}	2	T - Change = Interfaces SNMP: "2"
	description		
	{\$IF.UTIL.MAX}	90	T ~ Change = Interfaces SNMP: "90"
	description		
	{\$IFCONTROL}	1	T ~ Change ← Interfaces SNMP: "1"
	description		
	{\$NET.IF.IFADMINSTATUS.MATCHES}	Λ.*	T ∽ Change ⇐ Interfaces SNMP: "^.*"

	Reports v	{\$NET.IF.IFDESCR.NOT_MATCHES}	CHANGE_IF_NEEDED	Τ •	Change ← Interfaces SNMP: "CHANGE_IF_NEEDED"
Ľ	Configuration ^	description			
	Host groups	{\$NET.IF.IFNAME.MATCHES}	^.*\$	Τ -	Change = Interfaces SNMP: "^."\$"
	Templates	description			
	Hosts	{\$NET.IF.IFNAME.NOT_MATCHES}	(^Software Loopback Interface ^NULL[0-9.]*\$ ^		Change = Interfaces SNMP: "(*Software Loopback Interface)*N
	Maintenance		[LI]o[0-9.]*\$ ^{Ss]ystem\$ ^Nu[0-9.]*\$ ^veth[0-9a -z]+\$ docker[0-9]+ br-[a-z0-9]{12})		
	Actions	Filter out loopbacks, nulls, docker veth links an	nd docker0 bridge by default		
	Event correlation	{\$NET.IF.IFOPERSTATUS.MATCHES}	^.*\$	Τ •	Change
	Discovery	description			
	Services	{\$NET.IF.IFOPERSTATUS.NOT_MATCHES}	^6\$	Τ •	Change chiterfaces SNMP: "^6\$"
	Administration ~	Ignore notPresent(6)			Spectrum 45
		{\$NET.IF.IFTYPE.MATCHES}	*	T •	Change ← Interfaces SNMP: " ***
		description			
		{\$NET.IF.IFTYPE.NOT_MATCHES}	CHANGE_IF_NEEDED		Change
		description			
		{\$SNMP_COMMUNITY}	Public	Τ ~	Remove = FS N5850-48S6Q: "public" = "
9	Support	description			

Step 2: Check whether the SNMP community name configuration of the switch is consistent with the Zabbix host SNMP community name configuration.

N5850-4856Q#show run !Device running configuration: !version V100R201 !2001/01/04 16:58:56	
hostname N5850-4856Q	
username admin group administrators password	\$1\$kijv\$b1P5gEaeX6
snmp community Public ro plain view internet]
vlan 1	
line console 1	

Step 3: Modify the SNMP community name configuration of the switch to keep it consistent with the Zabbix host SNMP community name configuration.

N5850-4856Q(config)#snmp community public ro N5850-4856Q(config)#end
N5850-48s6Q#show_run
Device running configuration:
version V100RŽ01
12001/01/04 16:59:46
hostname N5850-48560
username admin group administrators password \$1\$kijv\$b1P5gEaeX6wG6eOLeT3Di0
vlan 1
line console 1
length 24
monitor
timeout 10 0
login authentication local

Step 4: Wait for Zabbix to reconnect to the host, and finally connect to the host successfully.

ZABB	X « 🗈	Hosts																		Creat	e host
	۹																				F
Month	oring ~				Host groups	N5850-Series	FSOS ×			Select	Monitore	d by 🗛	y Server Pr	оху							
≔ Inven	tory ~				Templater	type here to se	sarch			Relact	P	roxy				Select					
🔝 Repo	rts ~				Name	Obe nere to se	501611			UBIBUI		lags Ar	d/Or Or	Outlin	Tauris			1.00000			
🔧 Confi	guration ~				DNS							Add		Contair	s Equais	Value		Remove			
Host g	roups				IP																
Hosts	ates				Port																
Mainte	anance										Apply	Rese	E								
Action		Name 🔺	Applications	Items	Triggers	Graphs	Discovery	Web	Interface		Proxy	Templates					Status	Availability		Agent encryption	Info
Event	correlation very	N5850-4886Q	Applications 62	Items 514	Triggers 226	Graphs 58	Discovery 1	Web	10.32.133	.199: 161		N5850-Se	ries and N8550-Se	ries FSOS (Inte	rfaces SNMF	7)	Enabled	ZBX SNMP J	MX [IPMI]	None	
Cando	**																			Disp	playing 1 of



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