



FortiManager ServiceNow Integration App - User Guide

Version 2.0

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May 27, 2019

FortiManager ServiceNow Integration App 2.0 User Guide

02-603-496728-20190527

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Overview

Use the FortiManager Integration App to send configuration change requests to FortiManager to execute scripts and install configurations on FortiGate devices.

The FortiManager Integration App can get configuration change requests from the app GUI or any ServiceNow app through the app API. The API provides functionality for admins to further automate tasks involving FortiManager on ServiceNow.

The FortiManager Integration App is supported for desktop use in English and is available in the ServiceNow Store. See [Downloading the Security Operations FortiManager Integration App on page 7](#).

FortiManager guides

For information on using FortiManager, see the FortiManager guides in the [Fortinet Document Library](#), especially the Administration Guide, the Release Notes, and Best Practices.

Requirements

ServiceNow requirements

You need a ServiceNow subscription to download and use ServiceNow apps, including the FortiManager Integration App.

ServiceNow roles

The ServiceNow account must have the right roles to submit change requests. For information on ServiceNow roles, see the ServiceNow product documentation such as [Base system roles](#).

You also need FortiManager Integration App roles to perform the following tasks:

| Role | Description |
|------------------------------------|--|
| x_forti_fmgintgv2.sys_prop_read | Can read the contents in <i>System Properties</i> . |
| x_forti_fmgintgv2.sys_prop_write | Can read and modify the contents in <i>System Properties</i> . |
| x_forti_fmgintgv2.fmg_script_read | Can read the list of change requests and related details. |
| x_forti_fmgintgv2.fmg_script_write | Can submit change requests and read the list of change requests and related details. |

FortiManager and FortiManager Integration App requirements

The FortiManager Integration App works with one FortiManager device at a time. However, it can work with multiple ADOMs on FortiManager. See [Configuring the FortiManager Integration App on page 8](#) on selecting FortiManager ADOMs.

The FortiManager Integration App only executes scripts that are already defined in FortiManager.

- You can define CLI scripts to be executed on the FortiManager *Device Database*, *Policy Package or ADOM Database*, or *Remote FortiGate Directly (via CLI)*.
- In the FortiManager Integration App GUI, you can limit the script selection to scripts with specific prefixes.

Although FortiManager cannot currently run scripts with variables, the FortiManager Integration App can take variables in scripts and replace them with the desired values before execution.

The FortiManager Integration App automatically detects the FortiManager workspace mode. If workspace mode is enabled, it must be set to normal. Workflow mode is not supported.

The FortiManager ADOM Mode must be set to Normal. Advanced mode is not supported.

For more information, see the [FortiManager Administration guide](#) in the Fortinet Document Library.

Setting Up FortiManager

Set up FortiManager to use the Security Operations FortiManager Integration App.

| Task | Description |
|---|---|
| Create or select an account to use for integration with the FortiManager Integration App. | This account does not require a Super_User administrator profile and <i>Trusted Hosts</i> does not need to be turned on. For more information, see the FortiManager Administration guide in the Fortinet Document Library. |
| Set up JSON-RPC read-write permission for the account. | API calls from the app require the account to have JSON-RPC read-write permission. Use CLI commands to set JSON-RPC permission: <pre>config system admin user edit servicenow_account set rpc-permit read-write end</pre> |
| Install a trusted, signed SSL certificate for secure API communication. | ServiceNow requires a trusted, signed SSL certificate for communication with FortiManager. See the <i>FortiManager Administration Guide Certificates</i> section. |
| If workspace mode is enabled, ensure it is set to normal. | Only normal workspace mode is supported. The app automatically detects the FortiManager workspace mode. For more information, see the FortiManager Administration guide in the Fortinet Document Library. |
| Ensure <i>ADOM Mode</i> is set to <i>Normal</i> . | In <i>FortiManager > Advanced Settings</i> , <i>ADOM Mode</i> must be set to <i>Normal</i> . <i>Advanced</i> mode is not supported. |

Using FortiManager scripts

Create scripts in FortiManager to be used in FortiManager Integration App.

Use a FortiManager admin account to create or modify scripts.

The FortiManager Integration App clones the script and replaces any variables with the value provided in FortiManager Integration App GUI or API; and then submits the change request to FortiManager.

Variables in FortiManager scripts must meet the following requirements:

- Script variable names can only use upper case A-Z, lower case a-z, or underscore (_).
- Script variables must use the format: `${variable_name}`.

For information on creating FortiManager scripts, see the FortiManager Administration Guide in the [Fortinet Document Library](#).

Downloading the Security Operations FortiManager Integration App

You need a ServiceNow subscription to download and use ServiceNow apps, including the FortiManager Integration App. For more information, see the online help in <https://store.servicenow.com>.

To download the FortiManager Integration App:

1. Go to the ServiceNow store at <https://store.servicenow.com>.
2. Search for the FortiManager Integration App.
3. Follow the onscreen instructions to download the FortiManager Integration App.

After downloading the FortiManager Integration App, add it to the *Favorites* menu for easy access.

Configuring the FortiManager Integration App

The ServiceNow account must have sufficient permissions. The account must have `x_forti_fmgingtg2.sys_prop_write` role to create and submit change requests.

To configure the FortiManager Integration App:

1. Open the FortiManager Integration App and go to *FortiManager System Properties*.
2. Enter the information for connecting to the FortiManager API:

| | |
|------------------------------|---|
| Domain | The FortiManager domain name without the protocol, for example, <code>fortimanager.myorganization.com</code> . |
| Port Number | The port number to connect to FortiManager. |
| Username and Password | The username and password of the FortiManager account used for integration with the FortiManager Integration App. |

3. Enter the information for connecting to the ServiceNow API:

| | |
|------------------------------|---|
| Username and Password | The ServiceNow username and password. This ServiceNow account must have the following roles: <ul style="list-style-type: none">• <code>import_transformer</code>• <code>x_forti_fmgingtg2.fmg_script_write</code> |
|------------------------------|---|

4. Enter the information for the app settings:

| | |
|-----------------------------------|--|
| FortiManager ADOMs | Select the FortiManager ADOMs the app can access. |
| FortiManager script prefix | You can limit the script selection in the app GUI to scripts with specific prefixes. If desired, enter the prefixes in this field. |
| Options | If you want to delete the cloned scripts, select <i>Delete scripts from FortiManager after execution</i> . |

5. Click **Save**.

A login success message shows you are connected and the bottom of the *Connection to FortiManager API* section displays the FortiManager *Version* and the *Workspace Mode* (if enabled).

Using FortiManager Integration App

You can create change requests using the FortiManager Integration App GUI or the API.

To create change requests using the FortiManager Integration App API, see [API Reference](#) on page 14.

Creating change requests in the FortiManager Integration App GUI

The account must have `x_forti_fmgintgv2.fmg_script_write` role to create and submit change requests.



1. In FortiManager Integration App, go to *FortiManager Changes*.
2. Click the menu icon beside the ADOM name and select *New Change*.
3. Enter the *Customized Script Description* and click *Next*.
4. Select a *FortiManager ADOM* and click *Next*.
5. Select a *FortiManager Script* and click *Next*.
6. If necessary, enter the desired value for variables and click *Next*.
You can see a preview of the script.
7. Select the *FortiManager Devices* and click *Next*.
8. To save the script as a draft, click *Save*. To run the script immediately, click *Submit*.

Viewing change requests details in FortiManager Integration App

The account must have `x_forti_fmgintgv2.fmg_script_read` role to view the list of change requests and related details.

The *FortiManager Changes* page displays the list of change requests with summary information including their *Status*.

The *ID* number is the task ID in FortiManager *System Settings > Task Monitor*.

| FortiManager Changes | | | | | |
|---|---------|---------------------|----------------|---|---------------------|
|  ADOM: All  | | | | | |
| ID | ADOM | Creation Time | Type | Description | Status |
| SID00000000000100 | ADOM601 | 2019-04-12 21:49:07 | Policy Package | ven02318 Automation 2: Incident trigger | Installation - Done |
| SID00000000000096 | ADOM601 | 2019-04-12 21:49:06 | Policy Package | ven02318 Automation 9: Incident trigger | Installation - Done |
| SID00000000000099 | ADOM601 | 2019-04-12 21:49:06 | Policy Package | ven02318 Automation 2: Incident trigger | Installation - Done |
| SID00000000000098 | ADOM601 | 2019-04-12 21:49:06 | Policy Package | ven02318 Automation 1: Incident trigger | Installation - Done |
| SID00000000000097 | ADOM601 | 2019-04-12 21:49:06 | Policy Package | ven02318 Automation 1: Incident trigger | Installation - Done |
| SID00000000000095 | ADOM601 | 2019-04-12 21:49:06 | Policy Package | ven02318 Automation 9: Incident trigger | Installation - Done |

To view details, click the change request. The *Change Details* page shows the details of the script including the *ADOM*, *Configuration Script*, *Execution Details*, *Installation Details*, *FortiManager Execution Log*, *FortiManager Installation Log*, and other information.

- The *FortiManager Execution Log* section shows details of FortiManager script execution.
- The *FortiManager Installation Log* section shows details of FortiManager installing the configuration on FortiGate.

To cancel a change request before completion, click *Cancel Change*.

For scripts that timed out, a *Retry* button is available for you to run the script again.

Close
Cancel Change

Change Details

ID: SN-SID000000000000100

Creation Time: 2019-04-12 21:49:07

Type: Policy Package

Description: ven02318 Automation 2: Incident trigger

ADOM: ADOM601

Policy Package: BB-test

Device(s): FGVM320000151980

Script: BG_PP_template

Configuration Script:

```
config firewall policy
edit 0
set srcaddr all
set dstaddr all
set srcintf any
set dstintf any
```

Execution Details

Execution Status: Done Retry

Task ID: 770

Progress: 100%

Last Update: 2019-04-13 10:04:28

Installation Details

Installation Status: Done

Task ID: 771

Progress: 100%

Last Update: 2019-04-13 10:04:28

FortiManager Execution Log

| Name | Progress | Detail |
|---|----------|---|
| ADOM601(SN-SID000000000000100-1555149746) | 0% | 2019-04-13 03:02:53: start installing script SN-SID000000000000100-1555149746 to ADOM601 |
| ADOM601(SN-SID000000000000100-1555149746) | 30% | 2019-04-13 03:02:56: init state: start to run-on-db |
| ADOM601(SN-SID000000000000100-1555149746) | 70% | 2019-04-13 03:02:56: running on_db script succeeded |
| ADOM601(SN-SID000000000000100-1555149746) | 100% | 2019-04-13 03:02:56: Script SN-SID000000000000100-1555149746 executed on policy package BB-test. VI |

Troubleshooting

Error messages in the FortiManager Integration App GUI and in the ServiceNow *Application Logs* indicate the problem and usually includes recommendations to correct the issue.

Connection issues

To troubleshoot connection issues between FortiManager and the FortiManager Integration App:

1. In FortiManager, go to *System Settings > Admin > Administrators*.
 - a. Click the account used for integration with the FortiManager Integration App and check that settings are correct.
See [Setting Up FortiManager on page 6](#).
2. Check that you have set up JSON-RPC permission correctly.
See [Setting Up FortiManager on page 6](#).
3. Go to the *FortiManager Integration App System Properties*.
 - a. Check that the connection settings are correct, especially the domain name, port number, ADOMs, and API credentials.
See [Configuring the FortiManager Integration App on page 8](#).
If connection settings are incorrect, the app displays an error message when you click **Save**.
 - b. Check that you are using a supported version.

Other issues

| Issue | Possible solutions |
|---|--|
| Cannot update <i>FortiManager System Properties</i> | Check that your account has <code>x_forti_fmgingtg.fmg_system_property_write</code> permission. |
| Cannot see FortiManager scripts in GUI selection menu | Check that the script prefix is set correctly. |
| Cannot see devices for a <i>Policy Package</i> script | Check that the devices are in the FortiManager Installation Targets for the selected Policy Package. |

To view log message errors, go to ServiceNow, click *All applications* and search for *System Log*. Then select *Application Logs*.

In the *App Log* pane, check for errors. You can filter by keywords to search for messages.

Performance considerations

The following values have been tested. Higher values might work but have not been tested.

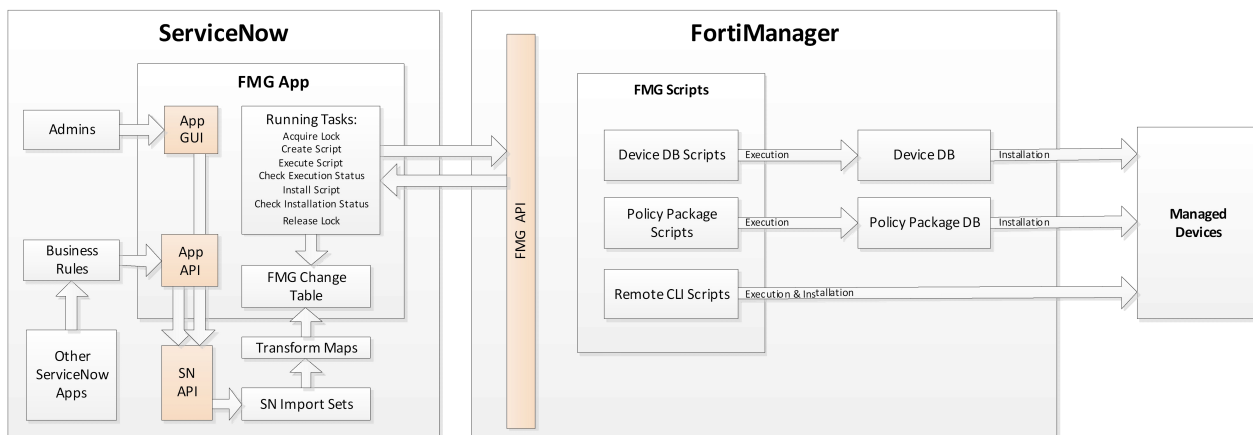
| | |
|--|--|
| Maximum ADOMs | 5 |
| Maximum FortiGates per ADOM | 100 |
| Maximum policy packages per ADOM | 20 |
| Maximum installation targets per policy package | 100 |
| Maximum objects per ADOM | 20 schedules, 100 services, 800 addresses, 80 interfaces |

Reference information

These sections include reference information on the FortiManager Integration App workflow and how to use FMGApiCli to integrate the FortiManager Integration App with other ServiceNow apps.

Integration Workflow

The following diagram shows the end-to-end process from the time when a configuration change request is submitted on ServiceNow to the time when the configuration is installed on managed devices.



When a change request is submitted, it goes through steps to create and run a script on FortiManager and install the configuration on target FortiGates. These steps are scheduled tasks which run within the app.

When a change request completes a task successfully, it starts the next task until all tasks are completed. If a task fails at any point, the task retries within certain intervals for a maximum number of times as shown below:

| Task | Interval (seconds) | Maximum attempts |
|--------------|--------------------|------------------|
| LockADOM | 6 | Indefinite |
| CreateScript | 6 | 18 |
| ExecScript | 6 | 18 |
| DeleteScript | 6 | 18 |
| CheckExec | 20 | 18 |
| Install | 6 | 18 |
| CheckInstall | 20 | 18 |

API Reference

This section shows how to use FMGApiCli to integrate the FortiManager Integration App with other ServiceNow apps.

API calls to the app use the ServiceNow API credentials configured in *FortiManager System Properties*. No further authentication is done.



API calls are allowed from anywhere in the ServiceNow platform. Consider limiting access to ServiceNow scripts to users with authorization to create FortiManager change requests.

There are three APIs through FMGApiCli for inbound integration:

- CreateScript - creates and executes scripts and configuration installations.
- CheckExec - checks script execution status on FortiManager.
- CheckDeploy - checks configuration installation status on FortiManager.

FMGApiCli provides a `SendRestRequest` function to send the “request object” to FortiManager Integration App.

This section shows the format to construct the “request object” and then use `FMGApiCli.SendRestRequest(obj)` to send the request. FortiManager Integration App returns a response to caller.

Using CreateScript

Request object

```
{
  "method": "string",
  "params": [
    {
      "url": "string",
      "adom": "string",
      "script": "string",
      "description": "string",
      "scriptVars": {
        "variable 1": "string",
        "variable 2": "string",
        ...
      },
      "policy": [
        "string",
        ...
      ],
      "devices": [
        "string",
        ...
      ]
    }
  ]
}
```

Request parameters

| Name | Description | |
|--------|-------------------------|--|
| method | Should be "POST" | |
| params | url | Should be "CreateScript" |
| | adom | The ADOM which the script template belongs to. |
| | script | Name of script template in FortiManager GUI. |
| | description | Description of this new change. |
| | scriptVars | Optional: If a script template includes variables, specify the value of variables. |
| | devices | Optional: If the type of script is <code>device_database</code> or <code>remote_device</code> , specify the name of devices. |
| | Policy | Optional: If the type of script is <code>adom_database</code> , specify the name of policies. |

Response object

```
{
  "id": "int",
  "result": [
    {
      "data": {
        "httpStatus": "int",
        "bodyObj": {
          "httpStatus": "int",
          "bodyObj": {
            "transform_map": "string",
            "table": "string",
            "display_name": "string",
            "display_value": "string",
            "record_link": "string",
            "status": "string",
            "sys_id": "string"
          },
          "status": {
            "code": "int",
            "message": "string"
          }
        },
        "status": {
          "code": "int",
          "message": "OK"
        },
        "url": "string"
      }
    ]
  ]
}
```

Response parameters

| Name | Description | | | | | |
|--------|-------------------------------------|---|--|--|--|--|
| Id | Reserved field. Not currently used. | | | | | |
| result | data | Response from FortiManager web API. | | | | |
| | | httpStatus | HTTP status of response from Import Set Web Service. | | | |
| | | bodyObj | httpStatus | HTTP status of response from Import Set Web Service. | | |
| | | | bodyObj | Response from Import Set Web Service. | | |
| | | | | transform | Import Set Table. | |
| | | | | Table | ServiceNow table to store changes request. | |
| | | | | display_name | Field name of identity column in ServiceNow. In ServiceNow, this is called “number”. | |
| | | | | display_value | Unique ID for tracking record in ServiceNow. | |
| | | | | record_link | Link to view the record in ServiceNow GUI. | |
| | | | | status | Operation of table. | |
| | | | | sys_id | System ID in ServiceNow. | |
| | | | Status | Status of response from Import Set Web Service. | | |
| | | code | | code | | |
| | | message | | message | | |
| | status | Status of response from FortiManager Integration App web API. | | | | |
| | | code | Status code | | | |
| | | message | Message | | | |
| | url | FortiManager Integration App web API endpoint. | | | | |

Sample CreateScript request

```
var requestObj = {  
    "method": "POST",  
    "params": [{  
        "url": "CreateScript",  
        "adom": "ADOM601",  
        "script": "demo-set-admin-timeout",  
        "description": "create a new demo-set-admin-timeout",  
        "scriptVars": {  
            "ADMIN_TIMEOUT": "40",  
        },  
        "devices": ["FGVM320000151980"],  
    }, ],  
};  
  
var fmgApiClient = new x_forti_fmgingv2.FMGApiClient();  
var responseObj = fmgApiClient.SendRestRequest(requestObj);
```

Sample CreateScript response

```
{
  "id": "0",
  "result": [
    {
      "data": {
        "httpStatus": 200,
        "bodyObj": {
          "httpStatus": 201,
          "bodyObj": {
            "transform_map": "fmg_script_stage",
            "table": "x_forti_fmgintgv2_fmg_script",
            "display_name": "number",
            "display_value": "SID00000000000051",
            "record_link": "https://ven02319.service-
now.com/api/now/table/x_forti_fmgintgv2_fmg_script/063c2848dbbc73003445710439
9619e0",
            "status": "inserted",
            "sys_id": "063c2848dbbc730034457104399619e0"
          },
          "status": {
            "code": 0,
            "message": "OK"
          }
        }
      },
      "status": {
        "code": 0,
        "message": "OK"
      },
      "url": "https://ven02319.service-
now.com/api/x_forti_fmgintgv2/fmg/api"
    }
  ]
}
```

FortiManager Changes page in GUI

| FortiManager Changes | | | | | | |
|---|---------|---------------------|-----------------|--------------------------------------|----------------------|---------------------|
| <div> <div>ADOM: All</div> <div></div> </div> | | | | | | |
| ID | ADOM | Creation Time | Type | Description | Status | Last Update |
| SID00000000000051 | ADOM601 | 2019-04-09 00:47:36 | Device Database | create a new demo-set-admin-time out | Installation - Error | 2019-04-09 01:08:10 |

Using CheckExec

Request object

```
{
  "method": "string",
  "params": [
    {
      "url": "string",
      "number": "string"
    }
  ]
}
```

Request parameters

| Name | Description | |
|--------|-------------------------|--|
| method | Should be "POST" | |
| params | url | Should be "CheckExec" |
| | number | The unique tracking string for ServiceNow table. It can be retrieved from the <code>display_value</code> variable from "Create Script" response. |

Response object

```
{
  "id": "int",
  "result": [
    {
      "data": {
        "httpStatus": "int",
        "bodyObj": {
          "data": {
            "adom": "string",
            "number": "string",
            "sys_updated_on": "string",
            "exec_script_task_id": "string",
            "exec_script_status": "string",
            "exec_script_percent": "int"
          },
          "status": {
            "code": "int",
            "message": "string"
          }
        }
      },
      "status": {
        "code": "int",
        "message": "string"
      },
      "url": "string"
    }
  ]
}
```

Response parameters

| Name | Description | | | | |
|--------|-------------------------------------|---|--|---|---|
| Id | Reserved field. Not currently used. | | | | |
| result | data | Response from FortiManager web API. | | | |
| | | httpStatus | HTTP status of response from Import Set Web Service. | | |
| | | bodyObj | data | Response from Import Set Web Service. | |
| | | | | adom | ADOM which scripts belongs to. |
| | | | | number | Unique tracking ID in ServiceNow table. |
| | | | | sys_updated_on | Last update time. |
| | | | | exec_script_task_id | Tracking ID for execution task. |
| | | | | exec_script_status | Status of script execution. |
| | | | | exec_script_percent | Percentage of script execution. |
| | | | Status | Status of response from Import Set Web Service. | |
| | | code | | code | |
| | | message | | message | |
| | status | Status of response from FortiManager Integration App web API. | | | |
| | | code | Status code | | |
| | | message | Message | | |
| | url | FortiManager Integration App web API endpoint. | | | |

Sample CheckExec request

```

var requestObj = {
    "method": "POST",
    "params": [{
        "url": "CheckExec",
        "number": " SID0000000000051",
    }, ],
};

var fmgApiCli = new x_forti_fmgintgv2.FMGApiCli();
var responseObj = fmgApiCli.SendRestRequest(requestObj);

```

Sample CheckExec response

```
{
  "id": "0",
  "result": [
    {
      "data": {
        "httpStatus": 200,
        "bodyObj": {
          "data": {
            "adom": "ADOM601",
            "number": "SID00000000000051",
            "sys_updated_on": "2019-04-09 01:08:10",
            "exec_script_task_id": "567",
            "exec_script_status": "done",
            "exec_script_percent": "100"
          },
          "status": {
            "code": 0,
            "message": "OK"
          }
        },
        "status": {
          "code": 0,
          "message": "OK"
        },
        "url": "https://ven02319.service-
now.com/api/x_forti_fmgingtg2/fmg/api"
      }
    ]
  }
}
```

FortiManager Changes Details page in GUI

| Change Details | | Execution Details | |
|----------------------|---|----------------------|---|
| ID | SID00000000000051 | Execution Status | Done <input type="button" value="Retry"/> |
| Creation Time | 2019-04-09 00:47:36 | Task ID | 567 |
| Type | Device Database | Progress | 100% |
| Description | create a new demo-set-admin-timeout | Last Update | 2019-04-09 01:08:10 |
| ADOM | ADOM601 | Installation Details | |
| Device(s) | FGVM320000151980 | Installation Status | Error |
| Script Template | demo-set-admin-timeout | Task ID | 568 |
| Configuration Script | config system global set admin-timeout 40 end | Progress | 100% |
| | | Last Update | 2019-04-09 01:08:10 |

Using CheckDeploy

Request object

```
{
  "method": "string",
  "params": [
    {
      "url": "string",
      "number": "string"
    }
  ]
}
```

Request parameters

| Name | Description | |
|--------|-------------------------|--|
| method | Should be "POST" | |
| params | url | Should be "CheckDeploy" |
| | number | The unique tracking string for ServiceNow table. It can be retrieved from the <code>display_value</code> variable from "Create Script" response. |

Response object

```
{
  "id": "int",
  "result": [
    {
      "data": {
        "httpStatus": "int",
        "bodyObj": {
          "data": {
            "adom": "string",
            "number": "string",
            "sys_updated_on": "string",
            "deploy_task_id": "string",
            "deploy_status": "string",
            "deploy_percent": "string"
          },
          "status": {
            "code": "int",
            "message": "string"
          }
        }
      },
      "status": {
        "code": "int",
        "message": "string"
      },
      "url": "string"
    }
  ]
}
```

Response parameters

| Name | Description | | | | | |
|--------|-------------------------------------|---|--|---------------------------------------|---|--|
| Id | Reserved field. Not currently used. | | | | | |
| result | data | Response from FortiManager web API. | | | | |
| | | httpStatus | HTTP status of response from Import Set Web Service. | | | |
| | | bodyObj | data | Response from Import Set Web Service. | | |
| | | | | adom | ADOM which scripts belongs to. | |
| | | | | number | Tracking ID in ServiceNow table. | |
| | | | | sys_updated_on | Last update time. | |
| | | | | deploy_script_task_id | Tracking id for deployment task. | |
| | | | | deploy_script_status | Status of script deployment. | |
| | | | | deploy_script_percent | Percentage of script deployment. | |
| | | | | Status | Status of response from Import Set Web Service. | |
| | | code | code | | | |
| | | message | message | | | |
| | status | Status of response from FortiManager Integration App web API. | | | | |
| | | code | Status code | | | |
| | | message | Message | | | |
| | url | FortiManager Integration App web API endpoint. | | | | |

Sample CheckDeploy request

```

var requestObj = {
    "method": "POST",
    "params": [{
        "url": "CheckDeploy",
        "number": "SID0000000000051",
    }, ],
};

var fmgApiCli = new x_forti_fmgintgv2.FMGApiCli();
var responseObj = fmgApiCli.SendRestRequest(requestObj);

```

Sample CheckDeploy response

```
{
  "id": "0",
  "result": [
    {
      "data": {
        "httpStatus": 200,
        "bodyObj": {
          "data": {
            "adom": "ADOM601",
            "number": "SID000000000000051",
            "sys_updated_on": "2019-04-09 01:08:10",
            "deploy_task_id": "568",
            "deploy_status": "error",
            "deploy_percent": "100"
          },
          "status": {
            "code": 0,
            "message": "OK"
          }
        },
        "status": {
          "code": 0,
          "message": "OK"
        },
        "url": "https://ven02319.service-
now.com/api/x_forti_fmgingv2/fmg/api"
      }
    ]
  }
}
```

FortiManager Changes Details page in GUI

Change Details

ID: SID000000000000051

Creation Time: 2019-04-09 00:47:36

Type: Device Database

Description: create a new demo-set-admin-timeout

ADOM: ADOM601

Device(s): FGVM320000151980

Script Template: demo-set-admin-timeout

Configuration Script: config system global
set admin timeout 40
end

Execution Details

Execution Status: Done Retry

Task ID: 567

Progress: 100%

Last Update: 2019-04-09 01:08:10

Installation Details

Installation Status: Error

Task ID: 568

Progress: 100%

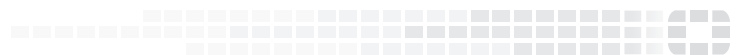
Last Update: 2019-04-09 01:08:10

Change Log

| Date | Change Description |
|------------|--------------------|
| 2019-05-27 | Initial release. |
| | |
| | |
| | |



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