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## **Set Power Options**

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**Guide**

**December 16, 2020**

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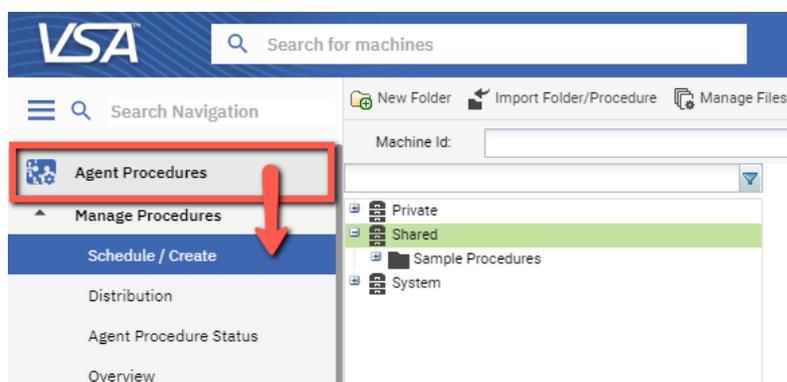
# Set Power Options

The following Agent Procedure intended to provide an example how to automate the management of power settings.

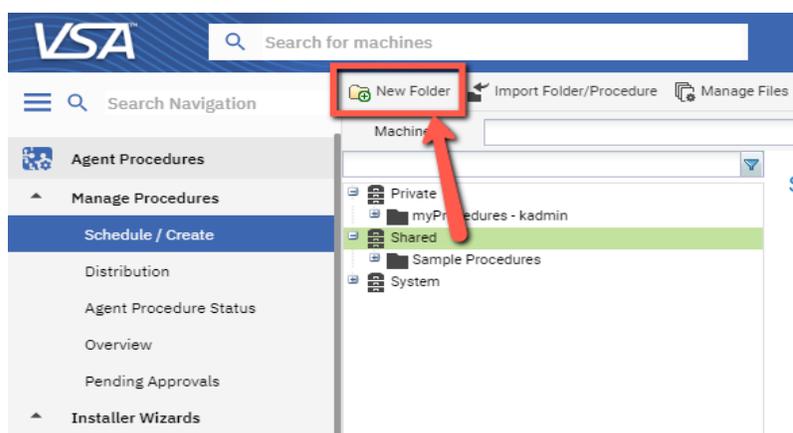
Note: the settings made using a GPO take precedence over settings made using the Agent procedure or manually.

## Installation Instructions

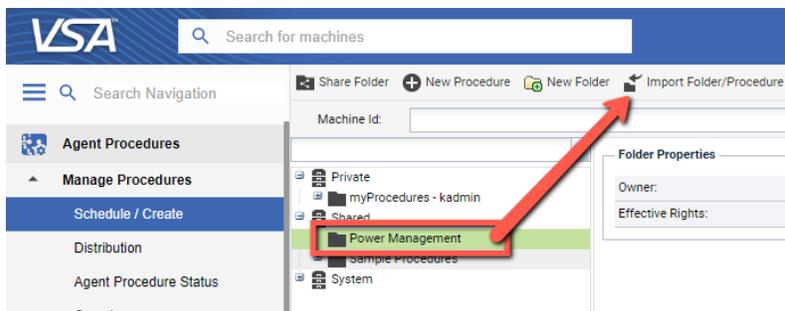
1. Navigate to **Agent Procedures** → **Manage Procedures** → **Schedule/Create**



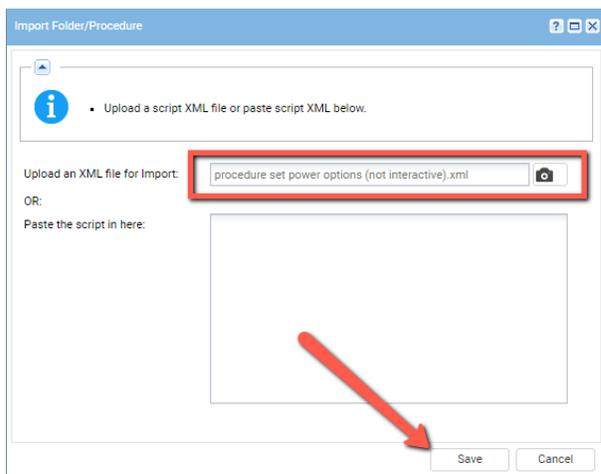
2. Click on the **Shared** cabinet and choose a folder where you are planning to store procedures related to power management for instance **Power Management**. You may also create such a folder by clicking the **New Folder** button.



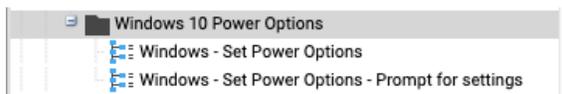
3. Select the folder and click the **Import Folder/Procedure**



Click the Camera button, select the Procedure Folder Windows 10 Power Options.xml file and click the **Save** button.



4. The Agent Procedures will be uploaded so you can schedule it or start manually.



## Using The Agent Procedures

### Windows – Set Power Options

The “Windows – Set Power Options” Agent Procedure requires settings the appropriate parameter values.

1. System unattended sleep timeout Plugged in









```

4 // Unattended sleep timeout in minutes. 0 - Never
5 getVariable ("Constant Value", "0", "SleepOnPower", "All Operating Systems", "Halt on Fail")
6 getVariable ("Constant Value", "2", "SleepOnBattery", "All Operating Systems", "Halt on Fail")
7 // Monitor timeout in minutes. 0 - Never
8 getVariable ("Constant Value", "0", "DisplayOnPower", "All Operating Systems", "Halt on Fail")
9 getVariable ("Constant Value", "5", "DisplayOnBattery", "All Operating Systems", "Halt on Fail")
10 // Standby timeout in minutes. 0 - Never
11 getVariable ("Constant Value", "0", "StandbyOnPower", "All Operating Systems", "Halt on Fail")
12 getVariable ("Constant Value", "15", "StandbyOnBattery", "All Operating Systems", "Halt on Fail")
13 // HDD timeout in minutes. 0 - Never
14 getVariable ("Constant Value", "0", "HDDOnPower", "All Operating Systems", "Halt on Fail")
15 getVariable ("Constant Value", "10", "HDDOnBattery", "All Operating Systems", "Halt on Fail")
16 // Hibernate timeout in minutes. 0 - Never
17 getVariable ("Constant Value", "0", "HibernateOnPower", "All Operating Systems", "Halt on Fail")
18 getVariable ("Constant Value", "0", "HibernateOnBattery", "All Operating Systems", "Halt on Fail")
19 // Lid close actions: 0 - Do nothing; 1 - Sleep; 2 - Hibernate; 3 - Shut down
20 getVariable ("Constant Value", "0", "LidCloseOnPower", "All Operating Systems", "Halt on Fail")
21 getVariable ("Constant Value", "1", "LidCloseOnBattery", "All Operating Systems", "Halt on Fail")
22 // Power button actions: 0 - Do nothing; 1 - Sleep; 2 - Hibernate; 3 - Shut down
23 getVariable ("Constant Value", "0", "PowerButtonOnPower", "All Operating Systems", "Halt on Fail")
24 getVariable ("Constant Value", "0", "PowerButtonOnBattery", "All Operating Systems", "Halt on Fail")

```

#### 14. Power button action On battery

```

4 // Unattended sleep timeout in minutes. 0 - Never
5 getVariable ("Constant Value", "0", "SleepOnPower", "All Operating Systems", "Halt on Fail")
6 getVariable ("Constant Value", "2", "SleepOnBattery", "All Operating Systems", "Halt on Fail")
7 // Monitor timeout in minutes. 0 - Never
8 getVariable ("Constant Value", "0", "DisplayOnPower", "All Operating Systems", "Halt on Fail")
9 getVariable ("Constant Value", "5", "DisplayOnBattery", "All Operating Systems", "Halt on Fail")
10 // Standby timeout in minutes. 0 - Never
11 getVariable ("Constant Value", "0", "StandbyOnPower", "All Operating Systems", "Halt on Fail")
12 getVariable ("Constant Value", "15", "StandbyOnBattery", "All Operating Systems", "Halt on Fail")
13 // HDD timeout in minutes. 0 - Never
14 getVariable ("Constant Value", "0", "HDDOnPower", "All Operating Systems", "Halt on Fail")
15 getVariable ("Constant Value", "10", "HDDOnBattery", "All Operating Systems", "Halt on Fail")
16 // Hibernate timeout in minutes. 0 - Never
17 getVariable ("Constant Value", "0", "HibernateOnPower", "All Operating Systems", "Halt on Fail")
18 getVariable ("Constant Value", "0", "HibernateOnBattery", "All Operating Systems", "Halt on Fail")
19 // Lid close actions: 0 - Do nothing; 1 - Sleep; 2 - Hibernate; 3 - Shut down
20 getVariable ("Constant Value", "0", "LidCloseOnPower", "All Operating Systems", "Halt on Fail")
21 getVariable ("Constant Value", "1", "LidCloseOnBattery", "All Operating Systems", "Halt on Fail")
22 // Power button actions: 0 - Do nothing; 1 - Sleep; 2 - Hibernate; 3 - Shut down
23 getVariable ("Constant Value", "0", "PowerButtonOnPower", "All Operating Systems", "Halt on Fail")
24 getVariable ("Constant Value", "3", "PowerButtonOnBattery", "All Operating Systems", "Halt on Fail")

```

**Please note: settings made using a GPO override settings made using the Agent Procedure or manually.**

You can create a Policy under Policy Management to schedule this agent procedure to maintain Windows Power Settings for your managed endpoints.

### Windows – Set Power Options – Prompt for settings

The “Windows – Set Power Options – Prompt for settings” Agent Procedure requires values that will prompt at the execution of the procedure.

**Script Prompts**

- Schedule Agent Procedure

**Script Prompts**

System Unattended Sleep Timeout (Plugged in):

System Unattended Sleep Timeout (On battery):

Turn off display (Plugged in):

Turn off display (On battery):

Sleep after (Plugged in):

Sleep after (Plugged in):

Turn off hard disk (Plugged in):

Turn off hard disk (On battery):

Hibernate after (Plugged in):

Hibernate after (On battery):

Lid close action (Plugged in): 0 - Do nothing; 1 - Sleep; 2 - Hibernate; 3 - Shut down:

Lid close action (On battery): 0 - Do nothing; 1 - Sleep; 2 - Hibernate; 3 - Shut down:

Power button action (Plugged in): 0 - Do nothing; 1 - Sleep; 2 - Hibernate; 3 - Shut down:

Power button action (On battery): 0 - Do nothing; 1 - Sleep; 2 - Hibernate; 3 - Shut down:

**Number of minutes**

**Valid values are: 0, 1, 2, 3**

Submit Cancel

All parameters except **Lid close** and **Power button** actions are set in minutes, while valid values for the **Lid close** and **Power button** actions are:

- 0 – Do nothing
- 1 – Sleep
- 2 – Hibernate
- 3 – Shut down

**Please note: settings made using a GPO override settings made using the Agent Procedure or manually.**