

Resource - partition

About this Resource

Defines Partition Managed Object

REST API Methods for this Resource

- GET partition
- GET partition id
- POST partition - action upgrade
- POST partition - action setactive

Resource Schema

Inventory

Parameter Name	Description	Data Type	Possible Values
rt_Download_Result_Code	Result of the last software download attempt.	Enum	<p>Possible values:</p> <ul style="list-style-type: none">• 0 - shmDownloadStatus_Unknown• 1 - shmDownloadStatus_Failed_UnableToLocateCodeStagingDirectory• 2 - shmDownloadStatus_Failed_UnableToLocateSpecifiedCodeFilename• 3 - shmDownloadStatus_Failed_MissingCodePackageSignatureFile• 4 - shmDownloadStatus_Failed_InvalidCodePackageSignature• 5 - shmDownloadStatus_Failed_NoControlDirectory• 6 - shmDownloadStatus_Failed_NoDataDirectory• 7 - shmDownloadStatus_Failed_InvalidBootPartition• 8 - shmDownloadStatus_Failed_ErrorWritingFlashDevice• 9 - shmDownloadStatus_Failed_MissingPatchPartitionSpecifier• 10 - shmDownloadStatus_Failed_MissingApplicationImageFile• 11 - shmDownloadStatus_Failed_MissingBootCodeImageFile• 12 - shmDownloadStatus_Failed_IPKGPatchError• 13 - shmDownloadStatus_Failed_MalformedPackageType• 14 - shmDownloadStatus_Failed_ErrorUpdatingBootCode• 15 - shmDownloadStatus_Failed_FailedToMountPartition• 16 - shmDownloadStatus_Failed_PatchNotDesignedForBaseSystemVersion• 17 - shmDownloadStatus_Failed_InsufficientArgs• 18 - shmDownloadStatus_Failed_InvalidImageType• 19 - shmDownloadStatus_Failed_InvalidPartitionNumber• 20 - shmDownloadStatus_InProgress• 21 - shmDownloadStatus_Success• 22 - shmDownloadStatus_Failed_UnknownFileExtension• 23 - shmDownloadStatus_Failed_UnsupportedFileExtensionOnTarget• 24 - shmDownloadStatus_Failed_MismatchBetweenProductAndImage• 25 - shmDownloadStatus_Failed_ReceivedSignal

rt_Software_Update_Stage	<p>Indicates the stage (1-5) in which the upgrade process is currently in. It can be any of the following:</p> <ul style="list-style-type: none"> • 1: Uploading • 2: Verifying Upgrade • 3: Preparing Partition • 4: Writing Firmware to Partition • 5: Finalizing Upgrade <p>When no upgrade is being performed, default value is 0. The server will only set values 2-5, since Uploading is a client stage.</p>	Enum	<p>Possible values:</p> <ul style="list-style-type: none"> • 0 - shmStatus_Unknown • 1 - shmStatus_Uploading • 2 - shmStatus_Verifying • 3 - shmStatus_Erasing • 4 - shmStatus_Writing • 5 - shmStatus_Mounting • 6 - shmStatus_MAX
rt_Software_Start_Time	<p>Indicates the start time persisted in the server for the upgrade process. It is defined in epoch secs. This is set only after the file is uploaded to the server.</p>	int	
rt_Software_Update_TotalWork	<p>Indicates the total number of chunks of work to be done for the upgrade. This is valid for stages 3 and 4. Default value is 0 when no upgrade is being performed.</p>	int	
rt_Software_Update_WorkDone	<p>Indicates the amount of work completed. This is valid for stages 3 and 4 only. Default value is 0 when no upgrade is being performed.</p>	int	

<p>rt_Software_Base_Version</p>	<p>Base Software version is usually displayed in x.y.z format where</p> <ul style="list-style-type: none"> • x is Major - updated every major development • y is Minor - updated for semi unplanned minor feature development in-between major development cycles • z is Service Revision - updated everytime a major and minor release is GA'ed (like service packs / bug fix rollup releases) 	<p>string</p>	
<p>rt_Software_Base_BuildNumber</p>	<p>Build Numer identifies exact build machine, time and date .It should be reported whenever reporting any bug or crash related to current software.</p>	<p>string</p>	
<p>rt_Software_Patch_Version</p>	<p>Patches are add on software module modifications to the base software version. They are used to deliver custom features or bugfixes thats are not covered by base software.</p>	<p>string</p>	

rt_Is_Active_Partition	Indication of whether the code stored on the partition is currently being used on the node.	Enum	Possible values: <ul style="list-style-type: none"> • 0 - SHMBool_False • 1 - SHMBool_True
rt_Partition_Type	Indication of type of partition which are boot partition, application partition 1 and application partition 2.	Enum	Possible values: <ul style="list-style-type: none"> • 0 - shmPartition_Unknown • 1 - shmPartition_Boot • 2 - shmPartition_1 • 3 - shmPartition_2 • 4 - shmPartition_MAX