

# 25.0 RTMM APIs

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## 25.1 RTMM Optimized Host Queries

Get all or specific Hosts by id optimized for RTMM usage. Optimization includes reduced Host payloads and streamlined server query processing. Host responses include imbedded Services.

### 25.1.1 Method: GET all Hosts For RTMM

[GET /api/rtmm/hosts](#)

### 25.1.2 Method: GET Hosts by Id For RTMM

[GET /api/rtmm/hosts/{id}](#)  
[GET /api/rtmm/hosts/{ids}](#)

### 25.1.3 Path Parameters

Field	Type	Description	Required
id	Path	Single Host id	no
ids	Path	Multiple Host ids in a comma separated values list	no

### 25.1.4 HTTP Headers

Header	Valid Values	Required
Content-Type	application/xml or application/json	True
GWOS-API-TOKEN	a valid token returned from login	True
GWOS-APP-NAME	your application name	True

### 25.1.5 HTTP Status Codes

Code	Description
200	Queried Hosts returned
404	No Hosts found
401	Authentication/authorization error occurred
500	An internal server error occurred while processing autocomplete prefix

### 25.1.6 Host Responses

Hosts are returned in the standard XML and JSON wrapped form. See the Host APIs. RTMM optimization limits the returned data to these data members:

- alias
- appTypeDisplayName
- bubbleUpStatus
- hostName
- id
- isAcknowledged
- lastCheckTime
- lastPluginOutput
- lastStateChange
- monitorStatus
- properties.isProblemAcknowledged
- properties.ScheduledDowntimeDepth

- serviceAvailability
- services.appTypeDisplayName
- services.description
- services.id
- services.lastCheckTime
- services.lastStateChange
- services.monitorStatus
- services.properties.isProblemAcknowledged

## 25.2 RTMM Optimized Host Group Queries

Get all or specific Host Groups by id optimized for RTMM usage. Optimization includes reduced Host Group payloads and streamlined server query processing. Host Group responses include embedded Hosts.

### 25.2.1 Method: GET all Host Groups For RTMM

[GET /api/rtmm/hostgroups](#)

### 25.2.2 Method: GET Host Groups by Id For RTMM

[GET /api/rtmm/hostgroups/{id}](#)  
[GET /api/rtmm/hostgroups/{ids}](#)

### 25.2.3 Path Parameters

Field	Type	Description	Required
id	Path	Single Host Group id	no
ids	Path	Multiple Host Group ids in a comma separated values list	no

### 25.2.4 HTTP Headers

Header	Valid Values	Required
Content-Type	application/xml or application/json	True
GWOS-API-TOKEN	a valid token returned from login	True
GWOS-APP-NAME	your application name	True

### 25.2.5 HTTP Status Codes

Code	Description
200	Queried Host Groups returned
404	No Host Groups found
401	Authentication/authorization error occurred
500	An internal server error occurred while processing autocomplete prefix

### 25.2.6 RTMM Host Group Responses

Host Groups are returned in the standard XML and JSON wrapped form. See the Host Group APIs. RTMM optimization limits the returned data to these data members:

- alias
- hosts.id
- id
- name

## 25.3 RTMM Optimized Service Group Queries

Get all or specific Service Groups by id optimized for RTMM usage. Optimization includes reduced Service Group payloads and streamlined server query processing. Service Group responses include embedded Services.

### 25.3.1 Method: GET all Service Groups For RTMM

[GET /api/rtmm/servicegroups](#)

### 25.3.2 Method: GET Service Groups by Id For RTMM

[GET /api/rtmm/servicegroups/{id}](#)  
[GET /api/rtmm/servicegroups/{ids}](#)

### 25.3.3 Path Parameters

Field	Type	Description	Required
id	Path	Single Service Group id	no
ids	Path	Multiple Service Group ids in a comma separated values list	no

### 25.3.4 HTTP Headers

Header	Valid Values	Required
Content-Type	application/xml or application/json	True
GWOS-API-TOKEN	a valid token returned from login	True
GWOS-APP-NAME	your application name	True

### 25.3.5 HTTP Status Codes

Code	Description
200	Queried Service Groups returned
404	No Service Groups found
401	Authentication/authorization error occurred
500	An internal server error occurred while processing autocomplete prefix

### 25.3.6 RTMM Service Group Responses

Service Groups are returned in the standard XML and JSON wrapped form. See the Service Group APIs. RTMM optimization limits the returned data to these data members:

- id
- name
- services.id

## 25.4 RTMM Optimized Custom Group Queries

Get all or specific Custom Groups by id optimized for RTMM usage. Optimization includes reduced Custom Group payloads and streamlined server query processing. Custom Group responses include embedded Host Groups, Service Groups, and child Custom Groups.

### 25.4.1 Method: GET all Custom Groups For RTMM

[GET /api/rtmm/customgroups](#)

### 25.4.2 Method: GET Custom Groups by Id For RTMM

[GET /api/rtmm/customgroups/{id}](#)  
[GET /api/rtmm/customgroups/{ids}](#)

### 25.4.3 Path Parameters

Field	Type	Description	Required
id	Path	Single Custom Group id	no

ids	Path	Multiple Custom Group ids in a comma separated values list	no
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#### 25.4.4 HTTP Headers

Header	Valid Values	Required
Content-Type	application/xml or application/json	True
GWOS-API-TOKEN	a valid token returned from login	True
GWOS-APP-NAME	your application name	True

#### 25.4.5 HTTP Status Codes

Code	Description
200	Queried Custom Groups returned
404	No Custom Groups found
401	Authentication/authorization error occurred
500	An internal server error occurred while processing autocomplete prefix

#### 25.4.6 RTMM Custom Group Responses

Custom Groups are returned in the standard XML and JSON wrapped form. See the Custom Group APIs. RTMM optimization limits the returned data to these data members:

- children.id
- hostGroups.id
- id
- isRoot
- name
- serviceGroups.id