

Device42 v16.00.00 Breaking Changes

The following API endpoints, DOQL views, etc. *are no longer backwards compatible* once the v16 upgrade has been applied. Please update any reports, scripts, integrations, etc. that utilize any of the following:

API

Below is a list of breaking changes that had to be made a result of structural changes to various entities in Device42.

`/api/1.0/services/`

Replaced By: `/api/2.0/services/`

Changes

- Type: Removal
 - Field Name: pinned
 - Detail: The “pinned” field has been moved down the Service Instance level.
- Type: Removal
 - Field Name: topology_status
 - Detail: The “topology_status” field has been moved down the Service Instance level.
- Type: Removal
 - Field Name: name
 - Detail: The “name” field has been removed. The closest equivalent is “cmd_paths” on the Service Instance API (GET method only).
- Type: Removal
 - Field Name: service_type
 - Detail: The “service_type” field has been removed. For ignoring services or service paths, see the new Ignore Services API call.

`/api/1.0/service_details/`

Replaced By: `/api/2.0/service_instances/`

Special Notes

Previously, the Service Instances API was able to be used to create a Service Schedule. Starting with Device42 16.00.00, Service Instances and Service Schedules (now Scheduled Tasks) are no longer associated. With this change, the Service Instances API call can no longer be used to create a Service Schedule. To create a Scheduled Task, please use the Scheduled Tasks API call.

Additionally, in prior versions, we used to keep track of client only services, these services are not migrated during upgrade, and will no longer be returned.

Changes

- Type: Removal
 - Field Name: appcomp
 - Detail: The “appcomp” field has been replaced by the “appcomps” field since a service instance can now be a part of multiple Application Components
- Type: Functional Change
 - Field Name: startmode
 - Detail: The “startmode” field no longer accepts a value of “Scheduled” since the Service Instance API can no longer create a scheduled service.
- Type: Functional Change / Removal
 - Field Names: caption, sched_description, arguments, status, install_Date, at_login, at_startup, event_based, idle_time, other_trigger, other_type, minutes, hours, days, weeks, day_of_month, month_of_year, day_of_week
 - Detail: These fields were previously used to create a Service Schedule. Creation of a Service Schedule is available with the Scheduled Tasks API calls.

[/api/1.0/service_schedules/](#)

Replaced By: [/api/2.0/scheduled_tasks/](#)

Special Notes

Previously, to create a Scheduled Task (formerly known as Service Schedules), the Service Details API was used. That ability has been moved to the Scheduled Tasks API call. This call has been modified to allow for POST and DELETE methods in addition to the existing GET method so it can be used for creating, editing, and deleting scheduled tasks.

Changes

- Type: Removal
 - Field Name: service_id
 - Detail: The “service_id” field has been removed since a Scheduled Task is no longer associated with a Service.
- Type: Removal
 - Field Name: service_detail_id
 - Detail: The “service_detail_id” has been removed since a Scheduled Task is no longer associated with a Service Instance.

[/api/1.0/service_ports/](#)

Replaced By: [/api/2.0/service_listener_ports/](#)

Special Notes

This API call returns only listeners. For client records, you use `/api/2.0/service_client_connections/`

Changes

- Type: Removal
 - Field Name: description
 - Detail: This field has been removed
- Type: Removal
 - Field Name: remote_ip
 - Detail: This field has been removed. remote_ip and other service communication related information can be found in the Service Communications API.
- Type: Functional Change
 - Field Name: appcomp_ids
 - Detail: This field has been changed to return a comma separated string of Application Component ids.

`/api/1.0/services_ignored`

Replaced By: `/api/2.0/ignored_service/`

Special Notes

Since ignoring of services has been moved to its own area of the application, the `services_ignored` API call is no longer applicable. This call has been replaced by `/api/2.0/ignored_service`.

`/api/1.0/listener_connection_stats`

Replaced By: `/api/2.0/listener_connection_stats`

Changes

- Type: Removal
- Field Names: last_time_span, min_time_span, max_time_span, total_detected, avg_time_span, std_dev_time_span, min_client_ports, max_client_ports, std_dev_client_ports
- Detail: These fields have been removed in an effort to lessen the complexity of the stats returned.

DOQL

Due to the structural changes for various entities in this release of Device42, numerous DOQL views have been deprecated and replaced with new versions.

The data dictionary has been updated to reflect the deprecated views and their replacements. Queries that use the deprecated views will result in the fields from those views having null values.

view_service_custom_fields_v1

- Replaced By: view_service_custom_fields_v2
- Details: Fields have remained the same. The view was replaced to keep inline with versioning for view_service_v2.

view_service_v1

- Replaced By: view_service_v2
- Columns Removed
 - name
 - service_name
 - service_type
 - category_id
 - tags
- Column Moved
 - topology_status_id → view_serviceinstance_v2.topology_status_id
 - topology_status → view_serviceinstance_v2.topology_status
- Columns Renamed
 - category_name → servicecategory_name

view_serviceinstance_custom_fields_v1

- Replaced By: view_serviceinstance_custom_fields_v2
- Details: Fields have remained the same. The view was replaced to keep inline with versioning for view_serviceinstance_v2.

view_serviceinstance_v1

- Replaced By: view_serviceinstance_v2
- Columns Moved
 - appcomp_fk → view_serviceinstance_appcomp_v2.appcomp_fk (join to table using serviceinstance_fk)

view_serviceport_v1

- Replaced By: view_servicelistenerport_v2
- Columns Moved
 - port → view_servicelistenerport_v2.port

view_serviceportip_v1

- Replaced By: view_servicelistenerport_v2
- Columns Removed
 - is_listening
 - serviceport_pk
- Columns Renamed
 - serviceportip_pk → servicelistenerport_pk

view_serviceportremoteip_v1

- Replaced By: view_servicecommunication_v2

view_serviceportremoteipstats_v1

- Replaced By: view_servicecommunication_v2
- Details: Most of the columns in this view have been removed from the system altogether. Some columns have been merged into view_servicecommunication_v2 though.

view_serviceschedule_v1

- Replaced By: view_scheduledtask_v2
- Columns Removed:
 - servicedetail_id

Import / Export

Below is a list of Exports (from the Import / Exports page) that are not backwards compatible due to breaking changes in the APIs they utilize (changes for these APIs are described in the API section of this document).

Service
Service Detail
Service Listener Ports
Scheduled Tasks

Discovery

In prior versions of Device42, there was a Global Ignore List that Discovery used for ignoring certain services. If enabled (through Global Settings), any services in that list would not be brought in to Device42 during Discovery. With 16.00.00, the Global Ignore List has been removed. With this change, you may see more services and / or service instances come through, but the Ignored Services functionality can be used to ignore these services / service instances once again.