Deprecation Information and Important Changes

Date: 2023.04.26

Purpose of the document

This document describes which Service Portal features and APIs that are announced to be deprecated.

Release dates

1. 20B2 – November 2020
2. 21B1 – February 2021
3. 21A2 – May 2021
4. 21B1 – September 2021
5. 21B2 – November 2021
6. 22A1 – February 2022
7. 22A2 – June 2022
8. 22B1 – September 2022
9. 23.1 – February 2023
2. 23.2 – April 2023
3. 23.3 – Planned to June 2023
4. 23.4 - TBD
5. 23.5 - TBD

1. API deprecations

- **SOAP API deprecation**

The following SOAP APIs will be removed/deprecated according to below End of Life date. It also lists when new REST APIs are available if a replacement is planned.

SOAP API	End of Life (deprecated)	New REST API	Release	User Information and Deprecation / Refresh Comment [summary of the main feature of the new API]
QuerySimResource	2023-09-10	Subscription Search API GET /details and POST /details	21B1	Most day-by-day subscription information can be retrieved. GET /details: Search subscriptions by company ID, label, or custom fields. POST /details: Subscription search with identifier, ICC, IMSI, MSISDN.
QuerySimResources	2023-09-10	Subscription Search API GET /details and POST /details	21B1	Please be referred to above comment.
QuerySimResource(s) (see above)	2023-09-10	Subscription Mgt GET /sims		User interested to receive full set of information of a subscription(s)
QuerySubscriptions	2023-09-10	Subscription Search API GET /details and POST /details	21B1	Please be referred to comment on "QuerySimResource". For lastOperator/Country/LocationUpdate/PDPContext/NetworkActivity please be referred to REST replacement GET /events
RequestSubscriptionStatusChange	2023-09-10	Subscription Mgt POST /state-changes	20B2	
QuerySubscriptionStatusChange	2023-09-10	Subscription Change History GET /requests/{request-Id}	23.2	Updated set of operations scheduled to be available with 23.2
RequestSubscriptionStatusChangeBatch	2023-09-10	Subscription Mgt POST /state-changes	20B2	
QuerySubscriptionStatusChangeBatch	2023-09-10	Subscription Change History GET /requests/{request-Id}	23.2	Updated set of operations scheduled to be available with 23.2
RequestSubscriptionPackageChange	2023-09-10	Subscription Mgt POST /package-changes	20B2	
RequestSubscriptionPackageChangeBatch	2023-09-10	Subscription Mgt POST /package-changes	20B2	
QuerySubscriptionPackageChangeBatch	2023-09-10	Subscription Change History GET /requests/{request-Id}	23.2	Updated set of operations scheduled to be available with 23.2
QuerySubscriptionChangeBatches	2023-09-10	Subscription Change History GET /requests/{request-Id}	23.2	Updated set of operations scheduled to be available with 23.2
RequestSubscriptionChangeBatchClear	2023-09-10	No replacement on REST	N/A	Obsolete after removal of QuerySubscriptionChangeBatches
QuerySubscriptionsStatusHistory	2023-09-10	Subscription Change History GET /requests/{request-Id}	23.2	Updated set of operations scheduled to be available with 23.2

Reconnect	2023-09-10	Device Reconnect POST /device-reconnect	22B1	
QuerySubscriptionPackages	2023-09-10	Enterprise Management GET /enterprises/{enterprise_id}/subscription-packages	21B2	
QuerySubscriptionPackages_v2	2023-09-10	Enterprise Management GET /enterprises/{enterprise_id}/subscription-packages	21B2	
QueryAllContractSubscriptionPackages	2023-09-10	Enterprise Management GET /enterprises/{enterprise_id}/subscription-packages	21B2	
RealtimeTrace	2023-09-10	Subscription signaling events (link to Dev Portal)	22A2	RealtimeTrace will be deprecated, and Subscription signaling events should be used instead.
UsageDataDownload	2023-09-10	Business Analytics Report (link to Dev Portal)	22B1	Used for retrieving an organization's daily usage reports.
ReportDownload	2023-09-10	Business Analytics Report (link to Dev Portal)	22B1	Used for retrieving an organization's weekly and monthly reports.
Subscription Traffic	2023-11-19	Device API – detailed subscriptions information (link to Dev Portal)	23.3	The SubscriptionTraffic API will be deprecated, and the information in the SubscriptionTraffic will instead be available in phases, via an extension of the Device API, which provides standard SIM and eUICC inventory and their detailed subscriptions information.
Aggregated Traffic	2023-09-10	No plans to replace	-	No plans to replace
QueryTrafficUsageHistory	2023-09-10	No plans to replace	-	No plans to replace
AggregatedTraffic_v2	2023-09-10	Organization Signaling Aggregations -Traffic Usage API (link to Dev portal)	23.1	With this operation, it is possible to retrieve traffic aggregated on Total, APN, SMSCAccount, CountryCode, Operator, or Opco per current day. The traffic can be filtered to a specific customer if the user has the required permissions.
QueryAverageTrafficUsageHistory	2023-09-10	No plans to replace	-	No plans to replace
QueryTopSubscriberTrafficUsage	2023-09-10	Business Analytics Report - Top Usage Subscriptions API (link to Dev Portal)	23.1	With this operation, it is possible to retrieve the top subscriptions with most traffic usage. The traffic can be filtered on a specific sub-customer if the user has the authority.
QueryTopCountryTrafficUsage	2023-09-10	No plans to replace	-	No plans to replace
TriggerAlarms	2023-09-10	Business Automation - Action	23.1	New APIs for working with Trigger Engine. The existing SOAP APIs working with the Legacy Triggers will be deprecated.
TriggerPackageManagement	2023-09-10	Business Automation - Management	23.1	New APIs for working with Trigger Engine. The existing SOAP APIs working with the Legacy Triggers will be deprecated.

OperatorInfo QueryCountries QueryOperators	2023-09-10	No replacement planed (yet)	N/A	Very little usage. Interviewing users to collect business value and requirement ongoing. Expect an update in next release of this document.
BundlePackageManagement	2023-09-10	No replacement planned (yet)	N/A	API used to list subscriptions blocked due to overconsumption SMS and GPRS bundles and provides possibility to re-activate these subscriptions.
requestCustomerLabelChange	2023-03-10	Please be referred to Custom Field feature	N/A	Customer Label feature deprecation on 10th March 2023
QueryServiceRequests	2023-09-10	No REST replacement	N/A	Service fulfillment requests handled in Service portal
QueryServiceRequestsActivity	2023-09-10	TBD	N/A	
ServiceRequestAddActivity	2023-09-10	TBD	N/A	
QueryServiceRequestAttachments	2023-09-10	TBD	N/A	
Echo (ApiStatus)	2023-11-19	TBD	TBD	Replacement REST is intended as a generic service to test the exposure layer (API GW, LB, Proxies etc.)
GetStatus	2023-11-19	No REST replacement	N/A	SOAP API not being used and has no relevance or business value to customer

- ## **REST API deprecation**

The following REST APIs will be removed/deprecated according to below End of Life date. It also lists when new REST APIs are available if a replacement is planned.

REST API	End of Life (deprecated)	New REST API	Release	User Information and Deprecation / Refresh Comment [summary of the main feature of the new API]
Subscription Inventory GET /subscriptions/details	2023-04-23	Subscription Search Details GET /details Tutorial	22A1	dcp API is replaced by IoT API; Replacement goes through (iot) From 2023-03-10 "Label" cannot be used (should Label be used, there will be outdate values that cannot be trusted or even give unexpected behavior)
Subscription Inventory POST /subscriptions/details	2023-04-23	Subscription Search Details POST /details Tutorial	22A1	dcp API is replaced by IoT API; Replacement goes through (iot)

2. Portal feature deprecations

The following Portal features will be removed/deprecated according to below End of Life date. It also lists when new Replacement are available if a replacement is planned.

Previously announced, Updated

Portal Feature	End of Life (deprecated)	Replacement	Release	Comment
Trigger Management Legacy	Trigger Management Legacy 23.2– read only (2023-04-23) 23.3 – fully deprecated (2023-06-18)	Trigger Management	23.1	In 22B1 (Q3-2022) the final triggers from the Trigger Management Legacy have been implemented also in the new Trigger Management. Deprecation of the Trigger Management Legacy will be done in two phases: 1. In Release 23.2 (2023-04-23) the portal pages to Trigger Management Legacy will be read only. 2. In Release 23.3 (2023-06-18), the Trigger Management Legacy feature will be fully deprecated.

3. Other API & Portal deprecation

Deprecation	End of Life (deprecated)	Replacement	Release	Comment
TLS 1.2 - Removal of weak Ciphers	TBD	N/A	N/A	The following TLS1.2 ciphers are considered weak and will be deprecated: • TLS_DHE_RSA_WITH_AES_256_GCM_SHA384 • TLS_RSA_WITH_AES_256_GCM_SHA384 • TLS_DHE_RSA_WITH_AES_128_GCM_SHA256 • TLS_RSA_WITH_AES_128_GCM_SHA256

TLS 1.2 - Removal of weak Ciphers

1. **How to test if my web browser works?**
   Open your web browser and enter the URL https://newbss.dcp.ericsson.net. If the page loads, your browser is working, otherwise it is not working.
   If you get an error, then you will need to update or change the configuration of your web browser.

2. **How to test if my API Client works?**
   You can use the URLs specified below to validate your API Client.
   If you get an error like ssl alert handshake failure the configuration file of your API client needs to be updated.

API	Type	URL
Subscription Management	HTTP	https://newbss.dcp.ericsson.net/dcpapi/rest/subscriptionManagement/v1/login
Consumer Connectivity	HTTP	https://newbss.dcp.ericsson.net/dcpapi/rest/consumer-connectivity/login
Shared Bundle	HTTP	https://newbss.dcp.ericsson.net/iot/api/auth/token
Subscription Management	SOAP	https://newbss.dcp.ericsson.net/dcpapi/SubscriptionManagement?wsdl

Table below shows what happens if you use an unsupported protocol

API	Command	Expected Result
Subscription Management (HTTP)	curl -vvv --tlsv1.2 --tls-max 1.2 --ciphers '@SECLEVEL=0:DHE-RSA-AES128-GCM-SHA256' -X POST "https://newbss.dcp.ericsson.net/dcpapi/rest/subscriptionM anagement/v1/login" -H "accept:application/vnd.dcp-v1+json" - H "Content-Type: application/json" -d '{"email": "SM_Test","password": "fakepassword"}'	(35) error:14094410:SSL routines:ssl3_read_bytes:

Testing Comsumer Connectivity API (HTTP)	curl -vvv --tlsv1.2 --tls-max 1.2 --ciphers '@SECLEVEL=0:DHE-RSA-AES128-GCM-SHA256' -X POST "https://newbss.dcp.ericsson.net/dcpapi/rest/consume r-connectivity/login" -H "accept:application/vnd.dcp-v1+json" -H "Content-Type: application/json" -d '{"user_id": "CC_Test","password": "pass12345"}'	sslv3 alert handshake failure
Testing Shared Bundle API (HTTP)	curl -vvv --tlsv1.2 --tls-max 1.2 --ciphers '@SECLEVEL=0:DHERSA-AES128-GCM-SHA256' -X POST "https://newbss.dcp.ericsson.net/iot/api/auth/token" -H "accept:application/vnd.dcp-v1+json" -H "Content-Type: application/x-www-form-urlencoded" -d "grant_type=password&client_id=9999&username=SB_Test&password=t esting1234"	
Testing Web Portal (HTTP)	curl -vvv -k -I -L --tlsv1.2 --tls-max 1.2 --ciphers '@SECLEVEL=0:DHE-RSA-AES128-GCM-SHA256' "https://newbss.dcp.ericsson.net/portal/"	
Subscription Management (SOAP)	curl -vvv --tlsv1.2 --tls-max 1.2 --ciphers '@SECLEVEL=0:DHE-RSA-AES128-GCM-SHA256' https://newbss.dcp.ericsson.net/dcpapi/SubscriptionManagement ?wsdl	

List of allowed TLS version and ciphers

TLS Version	Ciphers
1.2	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384
1.2	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256
1.2	TLS_ECDHE_ECDSA_WITH_CHACHA20_POLY1305_SHA256
1.2	TLS_ECDHE_ECDSA_WITH_AES_128_GCM_SHA256
1.2	TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384
1.2	TLS_ECDHE_RSA_WITH_CHACHA20_POLY1305_SHA256
1.3	TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384
1.3	TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256
1.3	TLS_ECDHE_RSA_WITH_CHACHA20_POLY1305_SHA256

TLS 1.2 - Removal of weak Ciphers - Frequently asked questions

What's affected?	Web Portal and APIs (REST and SOAP) may be affected by this change.
Do I need to do anything to ensure my service will keep working?	Yes, you should make sure that API client and web browsers you are using are compatible with the change. Your web browsers and API client should already support a wide variety of ciphers, which will mean no changes need to be done.
If your test fails, what I am expected to do?	You should update or change the configuration of your web browser and/or API client. For web browsers, the latest versions of Google Chrome, Mozilla Firefox, and Microsoft Edge are compatible with the changes we intend to make. For API clients, you can check the configuration file to see what versions of TLS version and ciphers or contact your supplier.

Portal, API Specifications & Support

For latest Portal, API specifications or if you need technical support, please contact your Technical Solution Manager (TSM) or technical support.