Cellular

In this section, you can configure cellular-related policies.

1. Airplane mode

Controls whether airplane mode can be toggled by the user or not.

> **User choice (default)**: The user is allowed to toggle airplane mode on or off.
>
> **Disabled**: Airplane mode is disabled. The user is not allowed to toggle airplane mode on. Supported on Android 9 and above.

2. Cellular 2G

Controls whether cellular 2G setting can be toggled by the user or not.

> **User choice (default)**: The user is allowed to toggle cellular 2G on or off.
>
> **Disabled**: Cellular 2G is disabled. The user is not allowed to toggle cellular 2G on via settings. Supported on Android 14 and above.

3. Override APNs

Controls whether override APNs are enabled or disabled. When enabled, only the configured override APNs are used and all other APNs on the device are ignored.

> **Disabled (default)**: All configured APN settings are saved on the device, but they are disabled and have no effect. All other APNs on the device remain in use.
>
> **Enabled**: Only the override APNs are used, all other APNs are ignored. This setting can only be configured on fully managed devices with Android 10 and above.

4. APN settings

Configure one or more APN entries. Use **Add APN** to create an entry and **Remove APN** to delete it.

Each APN has required fields:

APN Types: Select one or more traffic types for this APN (availability depends on management mode and Android version).

APN Name: The APN identifier provided by your carrier.

Display Name: Friendly name shown in UI.

Optional APN fields:

Auth Type, **Username**, **Password**: Configure carrier authentication (if required).

Protocol and **Roaming Protocol**: IP protocol configuration.

Network Types: Restrict the cellular technologies the APN may use (for example LTE/5G NR).

Proxy Address and **Proxy Port**: HTTP proxy for data traffic (if applicable).

MMS Proxy Address, **MMS Proxy Port**, **MMSC (MMS Center URI)**: MMS-related settings.

Numeric Operator ID (MCC+MNC) and **Carrier ID**: Carrier identification fields.

Always On Setting: Whether the PDU session activated by this APN should be always-on. Supported on Android 15 and above.

MVNO Type: Mobile virtual network operator identifier type.

MTU IPv4 and **MTU IPv6**: Maximum Transmission Unit for IPv4/IPv6 routes. Supported on Android 13 and above.

5. Cell broadcast config disabled

Whether configuring cell broadcast is disabled.

6. Mobile networks config disabled

Whether configuring mobile networks is disabled.

7. Roaming data disabled

Whether roaming data services are disabled.

8. Outgoing calls disabled

Whether outgoing calls are disabled.

9. SMS disabled

Whether sending and receiving SMS messages is disabled.

10. 5G Network Slicing Configuration

Configure preferential network service settings to enable enterprise 5G network slicing. You can set up to 5 enterprise slices and assign applications to specific networks for optimized traffic routing.

10.1. Default Preferential Network

Default preferential network ID for applications that are not in the applications list, or if an app's **Preferential Network** is not set. Must have a configuration for the specified network ID (unless set to **No Preferential Network**).

Note: Critical apps like **com.google.android.apps.work.clouddpc** and **com.google.android.gms** are excluded from this default setting.

10.2. Network Service Configurations

Use **Add Network Configuration** to create a slice configuration. You can add up to 5 configurations. Each configuration has:

> **Preferential Network ID (Auto-assigned)**: Network ID is automatically assigned and cannot be changed.

Fallback to Default Connection: Whether fallback to the device-wide default network is allowed. If disallowed, apps cannot access the internet if the 5G slice is unavailable.

Non-Matching Networks: Whether apps subject to this configuration can use networks other than the preferential service. If set to **Disallowed**, **Fallback to Default Connection** must also be **Disallowed**. Requires Android 14 and above.

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