SIP Server Deployment Guide

Dial Plan Support for Overdial

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Dial Plan Support for Overdial

SIP Server provides the ability for internal and inbound calls coming to a Routing Point to remove overdialed digits from DNIS when the `dnis-max-length` dial-plan rule parameter is specified. Overdialed digits are added to the DNIS_OVER key of AttributeExtensions in T-Library events EventQueued and EventRouteRequest.

Example 1

```
dial-plan-rule: 0800xxxxxxx!=>1000; dnis-max-length=11
Called number: 080012345670123
```

Then EventQueued and EventRouteRequest will contain the following attribute values:

```
AttibuteThisDN: 1000
AttibuteDNIS: 08001234567
AttibuteExtensions 'DNIS_OVER': 0123
```

Example 2

The `dial-plan-rule` parameter does not modify the DNIS, except when the `dnis-max-length` is set.

```
dial-plan-rule: 5566=>1111
Called number: 5566
```

Then attributes ThisDN and DNIS in T-Library events will contain the following values:

```
AttributeThisDN: 1111
AttributeDNIS: 5566
```

EventQueued and EventRouteRequest will not contain the DNIS_OVER in AttributeExtensions.

Example 3

```
dial-plan-rule: 5566=>1111;dnis-max-length=2
Called number: 5566
```

Then attributes ThisDN and DNIS in T-Library events will contain the following values:

```
AttributeThisDN: 1111
AttributeDNIS: 55
```

EventQueued and EventRouteRequest will contain the following attribute value:

```
AttibuteExtensions 'DNIS_OVER': 66
```

Feature Limitations

- This feature applies to the Dial Plan feature configuration. Configuration with the SIP Feature Server Dial Plan is not supported.

- This feature is not supported for Outbound Predictive calls.

Feature Configuration

To enable this feature, specify the `dnis-max-length` parameter when you configure the dial-plan rule for your environment.

Parameter: `dnis-max-length`
Type: Integer
Valid values: 1-22

Description: Defines the maximum length of DNIS in the dial-plan rule. The digits that are in position past the specified length are considered overdialed and removed from DNIS. Overdialed digits are included in the `DNIS_OVER` key of AttributeExtensions in EventQueued and EventRouteRequest. Any invalid value disables this feature.