

# Networks

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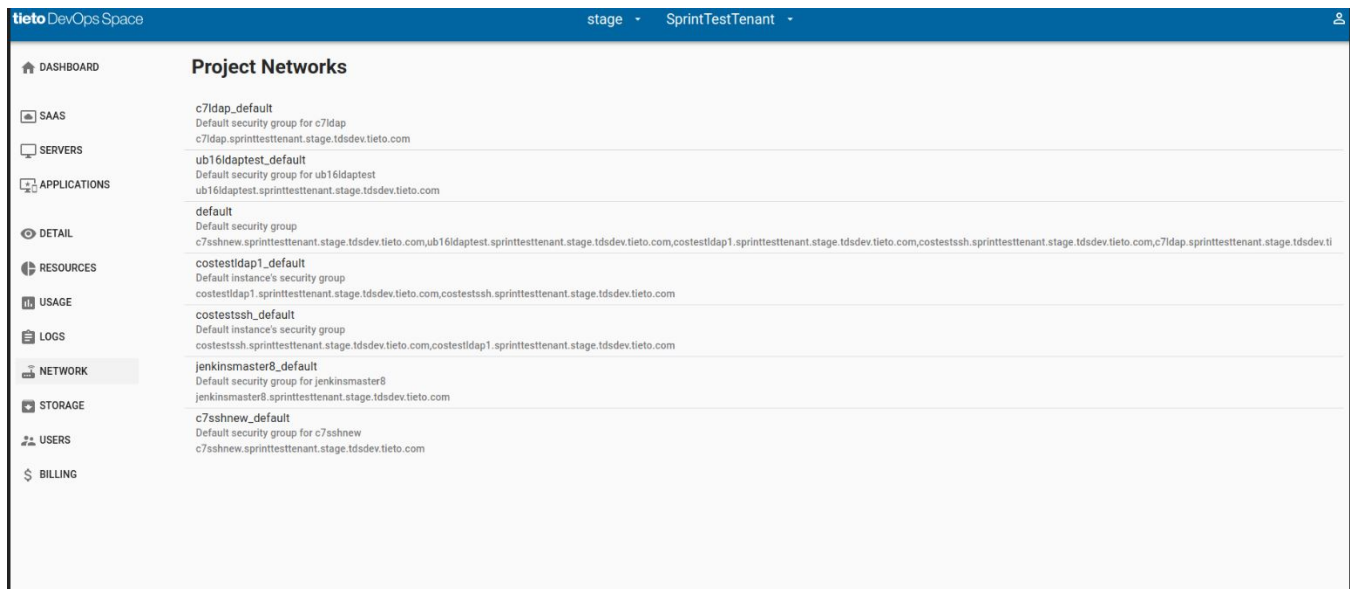
## Network View

TDS Project Networks includes TDS Security Groups where user can modify Security Rules related to TDS Servers access.

There is one Security Group named "default" which includes a few default security rules.

For every TDS Server there is created a separate Security Group called "<server hostname>\_default".

## Security Group List



Security Group List view includes all Server Security Groups and Project Default Security Group.

A Security Group is created automatically when new server is created. There is no need to create security group by user.

## Default Security Group

Network
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Security Group name \*  
holubuntu\_default

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Security Group description  
Default security group for holubuntu

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**Related servers**

holubuntu.smoketest.pub.tdsdev.tieto.com

Direction	Protocol	Remote IP	Port from	Port to	Action
Egress	▼ Any	▼ 0.0.0.0/0	0	0	REMOVE

ADD RULE

SAVE

Default Security Group is enabled by default to all project servers and includes a few Security Rules which enables access from Servers to external networks and opens ssh connection to Servers.

User can't create any new Security Rule in Default Security Group.

### Server Security Group

Server Security Group includes Security Rules for a selected server.

Server name is included in Security Group called "<server hostname>\_default".

When Server with optional Application is created, TDS Server Security Group is created automatically including all necessary Security Rules for installed Application.

There is a Project quota limit for Security Rules in public TDS - maximum number of Project Security Rules is the same as maximum number of Servers allowed in the Project

User can save changes Server Security Group using button **SAVE**.

User can cancel his actions in Security Server Group view pressing button Escape.

User can add a new Security Rule into Server Security Group using button **ADD**.

### Add Security Rule

User can add a new Security Rule in that view or modify existing Security Rules.

Security Rule includes the following fields:

- Direction
  - Egress direction means direction from TDS Server to other hosts or networks. By default egress is allowed to all networks and for all protocols and ports.
  - Ingress direction means direction from external hosts or servers to TDS Server. By default ingress is not allowed except to Application protocols and ports installed by TDS.
- Protocol
  - Possible values:
    - Any
    - TCP
    - UDP
    - ICMP
- Remote IP
  - Source of the traffic to be allowed via this rule. Expected values should be entered in the form of an IP address block. For all IPs 0.0.0.0/0 can be used.
- Port from
  - The field means a single port or beginning of the range of ports which will be used for the rule
  - Valid only for TCP and UDP protocols
  - Integer value between 1 and 65535 can be used only
- Port to

- The field means a single port or end of the range of ports which will be used for the rule
- Valid only for TCP and UDP protocols
- Integer value between 1 and 65535 can be used only
- Action
  - Action which will be performed for the rule
  - The only action which can be used for the rule is **REMOVE**.
  - After removing of the rule from the view, it's necessary to press **SAVE** to write **REMOVE** action to Server Security Group.

User can modify existing Security Rules and save all changes pressing **SAVE** to write **REMOVE** action to Server Security Group.