

# Juniper SRX 日本語マニュアル

## 9. Destination NAT の CLI 設定

## はじめに

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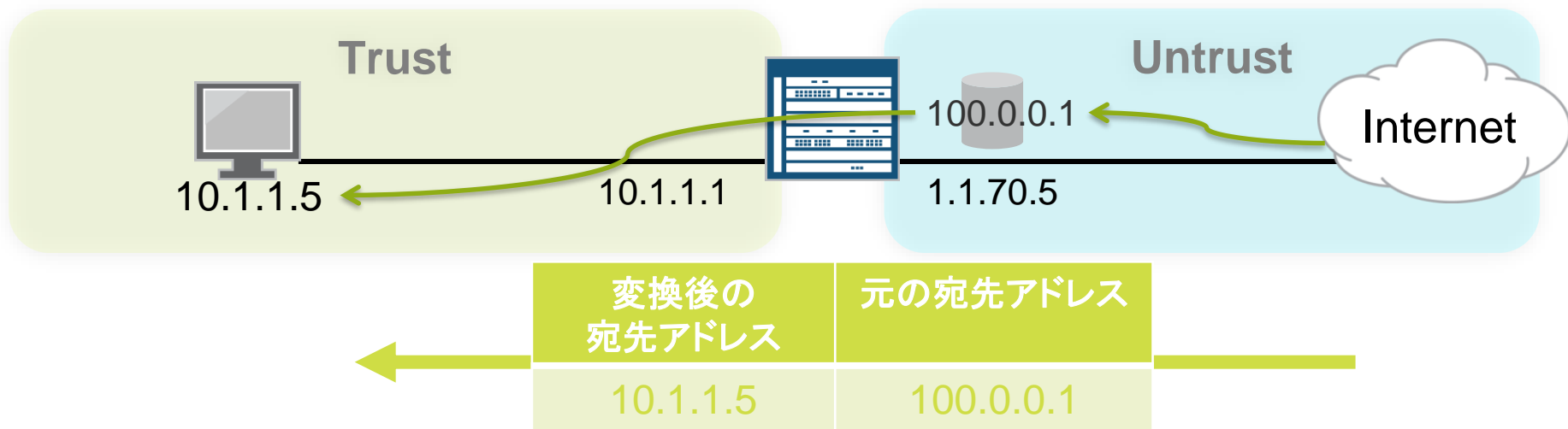
ネットワークアドレス変換(Destination NAT)の CLI 設定方法について説明します。

※手順内容は「SRX300」、Junos OS「15.1X49-D140」にて確認を実施しております。

2018年8月

# Destination NAT - 1:1 マッピング

## 構成概要



# Destination NAT - 1:1 マッピング

## ① アドレスプールの設定

```
user@srx# set security nat destination pool SVR_A address 10.1.1.5/32
```

## ② NATルールセットの設定

```
user@srx# set security nat destination rule-set 1 from zone untrust
```

## ③ NATルールの設定

```
user@srx# set security nat destination rule-set 1 rule 1A match destination-address 100.0.0.1/32  
user@srx# set security nat destination rule-set 1 rule 1A then destination-nat pool SVR_A
```

# Destination NAT - 1:1 マッピング

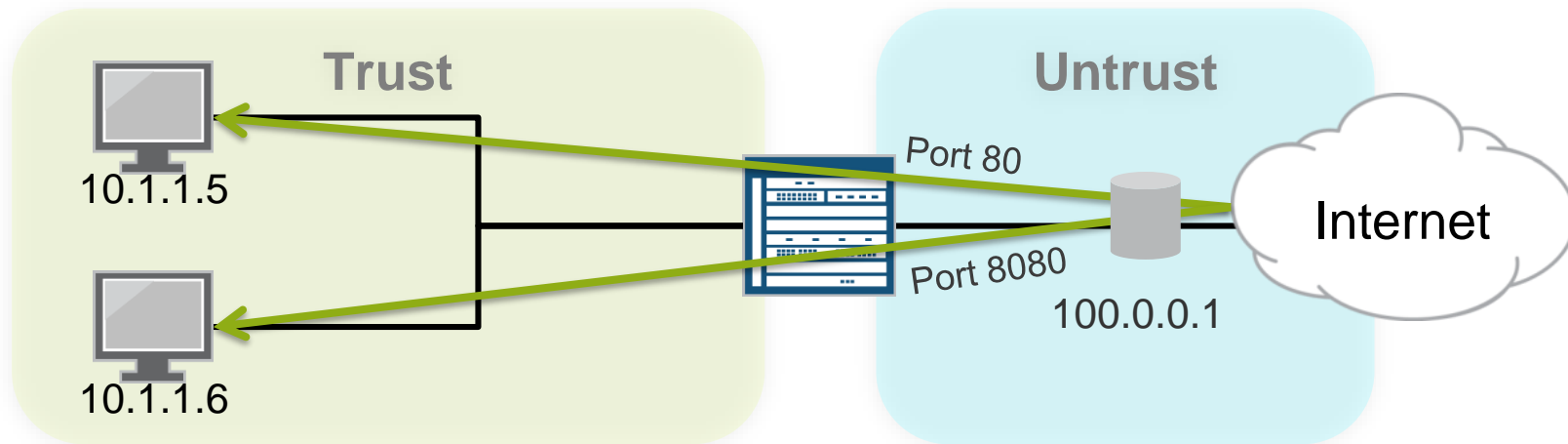
## 設定の確認

```
user@srx# show
security {
  nat {
    destination {
      pool SVR_A {
        address 10.1.1.5/32;
      }
    }
    rule-set 1 {
      from zone untrust;
      rule 1A {
        match {
          destination-address 100.0.0.1/32;
        }
        then {
          destination-nat {
            pool {
              SVR_A;
            }
          }
        }
      }
    }
  }
}
```

# Destination NAT - 1:N マッピング

## 構成概要

変換後の宛先アドレス	元の宛先アドレス
10.1.1.5 Port 80	100.0.0.1 Port 80
10.1.1.6 Port 80	100.0.0.1 Port 8080



# Destination NAT - 1:N マッピング

## ① アドレスプールの設定

```
user@srx# set security nat destination pool SVR_A address 10.1.1.5/32 port 80
user@srx# set security nat destination pool SVR_B address 10.1.1.6/32 port 80
```

## ② NATルールセットの設定

```
user@srx# set security nat destination rule-set 1 from zone untrust
```

## ③ NATルールの設定

```
user@srx# set security nat destination rule-set 1 rule 1A match destination-address 100.0.0.1/32
user@srx# set security nat destination rule-set 1 rule 1A match destination-port 80
user@srx# set security nat destination rule-set 1 rule 1A then destination-nat pool SVR_A
user@srx# set security nat destination rule-set 1 rule 1B match destination-address 100.0.0.1/32
user@srx# set security nat destination rule-set 1 rule 1B match destination-port 8080
user@srx# set security nat destination rule-set 1 rule 1B then destination-nat pool SVR_B
```

# Destination NAT - 1:N マッピング

## 設定の確認①

```
user@srx# show
security {
  nat {
    destination {
      pool SVR_A {
        address 10.1.1.5/32 port 80;
      }
      pool SVR_B {
        address 10.1.1.6/32 port 80;
      }
      rule-set 1 {
        from zone untrust;
        rule 1A {
          match {
            destination-address 100.0.0.1/32;
          }
          then {
            destination-nat {
              pool {
                SVR_A;
              }
            }
          }
        }
      }
    }
  }
}
```



# Destination NAT - 1:N マッピング

## 設定の確認②

```
rule 1B {
  match {
    destination-address 100.0.0.1/32;
    destination-port {
      8080;
    }
  }
  then {
    destination-nat {
      pool {
        SVR_B;
      }
    }
  }
}
```