

Matching Start of Line and End of Line Positions with Anchors



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When to Use Anchors?

Get-ADUserResultantPasswordPolicy

Reset-ADServiceAccountPassword

Set-ADAccountAuthenticationPolicySilo

```
(Get-Command -Module ActiveDirectory) -match '[GS]et'
```



```
'Set', 'Reset' -match '^Set'
```

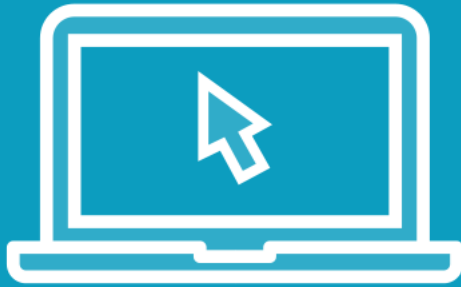
```
'Script', 'Scripts' -match 'Script$'
```

Start of Line and End of Line Anchors...

Are used to match positions, not characters. By matching the start of a line or the end of a line, these metacharacters effectively anchor the regex matches at specific positions.



Demo



Start of line anchors

- Matching start of line positions
- Discover Active Directory cmdlets
- Find Active Directory users

End of line anchors

- Matching end of line positions
- Replacing trailing whitespaces
- Finding specific windows features
- Matching specific events
 - Switch statement with regex



Summary



Start of line matches

- Matched cmdlets starting with set
 - Anchored character class
 - Start of line anchor within an alternation
- Matched Active Directory Users
 - Shorthand metacharacters and start of line anchor

End of line matches

- Replaced trailing whitespaces
- Discovered windows features ending with tools & console
- Used regular expression within a switch statement

