Password History Enforcement

Avi Technical Reference (v18.2)

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Password History Enforcement

view online

This feature prevents a user from updating his/her password to some password that was used in the recent past. A configurable number of previous password hashes are saved in the system. Any future proposed password update is compared against this list and marked invalid if there is a perfect match.

The administrator controls this feature via Avi Vantage's CLI or REST API. The setting for it is maintained within the `UserAccountProfile` object. By default, all the users in the system are attached to ?Default-User-Account-Profile," as shown below. If required, the admin can create a new user account profile with different thresholds. `<br> admin:10-10-24-52]: > show useraccountprofile Default-User-Account-Profile<br>`

```
+------------------------------+-------------------------------------------------------------
+<br> | Field | Value |<br> +------------------------------
+-----------------------------------------------------+<br> | uuid |
useraccountprofile-6753548e-7ac5-4601-939b-ad4394405db4 |<br> | name | Default-User-
Account-Profile |<br> | max_password_history_count | 0 |<br> | max_login_failure_count |
20 |<br> | account_lock_timeout | 30 |<br> | max_concurrent_sessions | 0 |<br> |
credentials_timeout_threshold | 0 |<br> +------------------------------
+-----------------------------------------------------+<br>
```

Use the CLI to change the password history count: `<br> [admin:10-10-24-52]: > configure useraccountprofile Default-User-Account-Profile<br> [admin:10-10-24-52]: useraccountprofile> max_password_history_count 5<br> Overwriting the previously entered value for max_password_history_count<br> [admin:10-10-24-52]: useraccountprofile> save<br>`

```
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credentials_timeout_threshold | 0 |<br> +------------------------------
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```

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