

Vormetric Guide

VMD certificate

BC Koo
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What is VMD certificate?

- **Protect data communication**
 - Data communication includes transfer of data encryption key, policy, audit log
 - Data being encrypted by RSA 2048bit key algorithm
- **Some more**
 - Created while registering host
 - Life-span is 1 year for DSM v5, 4 years for DSM v4
 - Automatically renew while using both of VEEA v5 and DSM v5
 - Should be renew manually except VEEA v5 + DSM v5

Matrix of VMD certificate

	VEEA v4	VEEA v5
DSM v4	Case A Life-span is 4 years Manually renew	Case B Life-span is 4 years Manually renew
DSM v5	Case C Life-span is 1 year Manually renew	Case D Life-span is 1 year Automatically renew

How to renew VMD certificate?

- **Case A, Case B**

- Re-run register_host utility
- The 'Host setting' will be set to default if the version of DSM is lower than v5.1.0.838

- **Case C, Case D**

- Re-run register_host utility or run 'vmutil -a vmd renewcerts'
- The 'Host setting' will be set to default if the version of DSM is lower than v5.1.0.838
- Automatically renew for case D

How to check expiry of VMD certificate?

- **VEEA v4**
 - Run ``agent_cert_mgr vmd view certificate agent | grep After``
- **VEEA v5**
 - Run ``vmutil -a vmd certexpiry``