

MANAGED_ENVIRONMENT REPORT

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1. ENVIRONMENT STATUS

Environment with 5 active hosts (5 hosts in total).

1.1. PRIVATE KEY AGE DISTRIBUTION

AGE	PERCENTAGE OF TOTAL	NUMBER OF KEYS
Older than 5 years	0%	0
Between 2 to 5 years	0%	0
Between 1 to 2 years	0%	0
Less than 1 year	100%	32
Total private keys		32

1.2. USER ACCOUNTS WITH KEYS

1.2.1. KEY DISPOSITION

DISCOVERED KEYS	KEYS	PER HOST
Private keys	32	6.40
Authorized keys	39	7.80

KEY DISPOSITION	KEYS	PORTION
Fingerprint without active keys	96	72.18%
Fingerprints with active keys	37	27.82%
Total distinct key fingerprints	133	100.00%

PRIVATE KEY FILES	FILES	PORTION
Empty passphrase	29	90.63%
Passphrase-protected	3	9.38%
Total private keys	32	100.00%


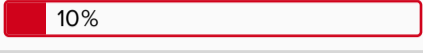
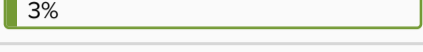
1.2.2. USERS

USER IDS WITH PRIVATE KEYS	KEYS	PER HOST
0 (root)	8	1.60
1-99	0	0.00
100-499	0	0.00
500-	6	1.20
None	18	3.60
Total users	32	6.40

USER IDS WITH AUTHORIZED KEYS	KEYS	PER HOST
0 (root)	11	2.20
1-99	0	0.00
100-499	0	0.00
500-	16	3.20
None	12	2.40
Total users	39	7.80




1.3. KEY STRENGTH DISTRIBUTION

AUTHORIZED KEY ALGORITHMS

ALGORITHM	PERCENTAGE OF TOTAL	NUMBER OF AUTHORIZED KEYS
2048-bit SSH-RSA	 87%	34
1024-bit SSH-DSS	 10%	4
3072-bit SSH-RSA	 3%	1
Total keys		39

■ Key Size => 2048 ■ Key size < 2048-bit ■ Miscellaneous key size

PRIVATE KEY ALGORITHMS

ALGORITHM	PERCENTAGE OF TOTAL	NUMBER OF PRIVATE KEYS
2048-bit SSH-RSA	 84%	27
1024-bit SSH-DSS	 13%	4
1024-bit SSH-RSA	 3%	1
Total keys		32

■ Key Size => 2048 ■ Key size < 2048-bit ■ Miscellaneous key size

Data from: Oct 30, 2017 12:00 AM +00:00