

Manage Asset Security

Hardware Asset Management

Hardware Asset Management: 95% of hardware assets are covered by a capability to detect and alert upon the connection of an unauthorized hardware asset.

Agency Comparison (FY2018 Q1 - FY2018 Q2)

Agency	Change	Indicator	Value
ED	0%	■	100%
GSA	0%	■	100%
Interior	43%	▲	100%
NSF	0%	■	100%
OPM	0%	■	100%
SSA	0%	■	100%
USAID	0%	■	100%
USDA	0%	■	100%
HUD	0%	■	99%
Justice	2%	▲	98%
SBA	0%	■	98%
NRC	-3%	▼	96%
DOT	0%	■	95%
Treasury	3%	▲	89%
Labor	-1%	▼	86%
HHS	0%	■	85%
State	0%	■	82%
DHS	-1%	▼	80%
Energy	-3%	▼	70%
Commerce	-1%	▼	64%
EPA	0%	■	50%
VA	0%	■	20%
NASA	0%	■	4%

Civilian CFO Act Average

Year Quarter	Govt Change	Value
FY 2018 Q1	-3%	64%
FY 2018 Q2	1%	65%

Software Asset Management

Software Asset Management: 95% of software assets are covered by a whitelisting capability.

Agency Comparison (FY2018 Q1 - FY2018 Q2)

Agency	Change	Indicator	Value
GSA	5%	▲	100%
NRC	5%	▲	100%
OPM	0%	■	100%
SSA	0%	■	100%
State	3%	▲	100%
USDA	0%	■	100%
HUD	0%	■	100%
ED	0%	■	100%
Justice	1%	▲	98%
Labor	-3%	▼	94%
DHS	2%	▲	92%
Treasury	-2%	▼	90%
DOT	0%	■	85%
Energy	-8%	▼	81%
Commerce	0%	■	64%
NSF	12%	▲	52%
Interior	-5%	▼	38%
HHS	-7%	▼	36%
EPA	1%	▲	15%
SBA	12%	▲	12%
VA	0%	■	8%
NASA	0%	■	0%
USAID	-100%	▼	0%

Civilian CFO Act Average

Year Quarter	Govt Change	Value
FY 2018 Q1	-3%	65%
FY 2018 Q2	-2%	63%

Authorization Management

Authorization Management: 100% of High and Moderate Impact Systems are covered by a valid security ATO. (Marked as met if both high and moderate impact systems are 100%. Value presented is smaller of the two.)

Agency Comparison (FY2018 Q1 - FY2018 Q2)

Agency	Change	Indicator	Value
Commerce	0%	■	100%
GSA	0%	■	100%
HUD	0%	■	100%
Interior	0%	■	100%
Justice	0%	■	100%
Labor	0%	■	100%
NASA	1%	▲	100%
NRC	4%	▲	100%
NSF	0%	■	100%
OPM	0%	■	100%
SSA	0%	■	100%
USAID	0%	■	100%
VA	27%	▲	100%
HHS	1%	▲	98%
Energy	1%	▲	98%
DOT	0%	■	94%
USDA	6%	▲	94%
DHS	0%	■	91%
EPA	91%	▲	91%
SBA	8%	▲	90%
Treasury	2%	▲	86%
ED	-17%	▼	80%
State	-2%	▼	42%

Civilian CFO Act Average

Year Quarter	Govt Change	Value
FY 2018 Q1	0%	91%
FY 2018 Q2	2%	93%

Mobile Device Management

Mobile Device Management: 95% of mobile devices are covered by a capability to remotely wipe contents if the device is lost or compromised.

Agency Comparison (FY2018 Q1 - FY2018 Q2)

Agency	Change	Indicator	Value
EPA	2%	▲	100%
GSA	0%	■	100%
HUD	0%	■	100%
Interior	0%	■	100%
Labor	0%	■	100%
NASA	0%	■	100%
NRC	77%	▲	100%
OPM	0%	■	100%
SBA	28%	▲	100%
SSA	0%	■	100%
USAID	0%	■	100%
USDA	0%	■	100%
DHS	0%	■	100%
NSF	35%	▲	100%
State	0%	■	100%
Justice	0%	■	99%
Treasury	7%	▲	99%
Commerce	11%	▲	99%
ED	-2%	▼	98%
DOT	4%	▲	97%
HHS	13%	▲	96%
VA	-3%	▼	89%
Energy	-18%	▼	81%

Civilian CFO Act Average

Year Quarter	Govt Change	Value
FY 2018 Q1	N/A	96%
FY 2018 Q2	0%	96%

Number of Agencies that Met Target

Category	FY 2018 Q1	FY 2018 Q2
Hardware Asset Management	13	12
Software Asset Management	9	11
Authorization Management	13	10
Mobile Device Management	21	15

- Meets or exceeds target (FY 2018 Q2)
- Below target (FY 2018 Q2)
- ▲ Increase from Previous Quarter
- No change from Previous Quarter
- ▼ Decrease from Previous Quarter
- FY 2018 Q1
- FY 2018 Q2

Limit Personnel Access

Privileged Network Access Management

Privileged Network Access Management: 100% of privileged users are required to use a PIV card or AAL3 multifactor authentication method to access the agency's network.

Agency Comparison (FY2018 Q1 - FY2018 Q2)

Agency	Change	Indicator	Indicator
DOT	3%	▲	100%
ED	0%	■	100%
EPA	0%	■	100%
GSA	0%	■	100%
HHS	0%	■	100%
HUD	0%	■	100%
Labor	0%	■	100%
NASA	0%	■	100%
NRC	0%	■	100%
NSF	0%	■	100%
OPM	0%	■	100%
SSA	0%	■	100%
Treasury	0%	■	100%
VA	0%	■	100%
USDA	0%	■	100%
DHS	0%	■	99%
Interior	0%	■	99%
Energy	0%	■	96%
SBA	-7%	▼	87%
Commerce	-12%	▼	86%
USAID	-24%	▼	76%
Justice	-24%	▼	69%
State	-2%	▼	11%

Civilian CFO Act Average

Year Quarter	Govt Change	Indicator
FY 2018 Q1	-6%	92%
FY 2018 Q2	1%	93%

High Impact System Access Management

High Impact System Management: 90% of High Impact Systems require all users to authenticate using a PIV card or AAL3 multifactor authentication method.

Agency Comparison (FY2018 Q1 - FY2018 Q2)

Agency	Change	Indicator	Indicator
DOT	32%	▲	100%
EPA	0%	■	100%
Interior	67%	▲	100%
NRC	20%	▲	100%
VA	100%	▲	100%
DHS	8%	▲	98%
Commerce	26%	▲	95%
Energy	-1%	▼	88%
State	-3%	▼	87%
GSA	60%	▲	80%
Treasury	2%	▲	37%
OPM	0%	■	35%
HHS	-2%	▼	30%
ED	-47%	▼	20%
Justice	-2%	▼	14%
USDA	-68%	▼	10%
NASA	0%	■	0%
HUD	N/A		
Labor	N/A		
NSF	N/A		
SBA	N/A		
SSA	N/A		
USAID	N/A		

Civilian CFO Act Average

Year Quarter	Govt Change	Indicator
FY 2018 Q1	N/A	42%
FY 2018 Q2	28%	71%

Automated Access Management

Automated Access Management: 95% of users are covered by an automated, dynamic access management solution that centrally tracks access and privilege levels.

Agency Comparison (FY2018 Q1 - FY2018 Q2)

Agency	Change	Indicator	Indicator
HUD	4%	▲	100%
Interior	0%	■	100%
NRC	0%	■	100%
OPM	0%	■	100%
SSA	0%	■	100%
State	0%	■	100%
USAID	100%	▲	100%
VA	100%	▲	100%
SBA	5%	▲	100%
DOT	80%	▲	99%
USDA	90%	▲	95%
HHS	-15%	▼	85%
DHS	35%	▲	56%
Energy	0%	■	47%
Commerce	28%	▲	38%
Treasury	5%	▲	10%
ED	0%	■	5%
NSF	0%	■	1%
Labor	0%	■	0%
EPA	0%	■	0%
GSA	0%	■	0%
Justice	0%	■	0%
NASA	0%	■	0%

Civilian CFO Act Average

Year Quarter	Govt Change	Indicator
FY 2018 Q1	N/A	30%
FY 2018 Q2	37%	67%

Number of Agencies that Met Target

Privileged Network Access Management	15	16
High Impact System Access Management	7	3
Automated Access Management	11	8

- Meets or exceeds target (FY 2018 Q2)
- Below target (FY 2018 Q2)
- ▲ Increase from Previous Quarter
- No change from Previous Quarter
- ▼ Decrease from Previous Quarter
- FY 2018 Q1
- FY 2018 Q2

Protect Networks and Data

Intrusion Detection and Prevention

Intrusion Detection and Prevention: At least 4 of 6 Intrusion Detection and Prevention metrics have met an implementation target of at least 90% and 100% of email traffic is analyzed using DMARC email authentication protocols (DHS BOD 18-01).
 (*All email traffic not analyzed using DMARC email authentication protocols as required by DHS BOD 18-01).

Agency Comparison (FY2018 Q1 - FY2018 Q2)

Agency	Change	Indicator
DHS	1	6
GSA	2	6
HUD	0	6
Interior	0	6
NRC	1	6
OPM	0	6
SBA	5	6
SSA	1	5
NASA	0	4
NSF	0	4
USDA*	0	6
Commerce*	0	5
DOT*	0	5
Labor*	-1	5
State*	0	5
USAID*	1	5
VA*	-1	5
Energy*	1	4
Justice*	-2	4
Treasury*	0	4
ED	0	3
HHS	0	3
EPA*	-1	2

Civilian CFO Act Average

Year Quarter	Govt Change
FY 2018 Q1	N/A
FY 2018 Q2	0

Exfiltration and Enhanced Defenses

Exfiltration and Enhanced Defenses: At least 4 of 5 Exfiltration and Enhanced Defenses metrics have met an implementation target of at least 90%.

Agency Comparison (FY2018 Q1 - FY2018 Q2)

Agency	Change	Indicator
Commerce	1	5
GSA	0	5
HUD	0	5
Justice	0	5
NRC	0	5
OPM	0	5
SBA	0	5
SSA	1	5
State	0	5
Treasury	0	5
USDA	0	5
DOT	0	4
ED	-1	4
Interior	0	4
Labor	2	4
NSF	0	4
DHS	0	3
Energy	1	3
EPA	0	3
HHS	0	3
USAID	0	3
VA	0	3
NASA	0	1

Civilian CFO Act Average

Year Quarter	Govt Change
FY 2018 Q1	N/A
FY 2018 Q2	0

Data Protection

Data Protection: At least 5 of 7 Data Protection metrics, including data encryption and segmentation, have met an implementation target of at least 90%.

Agency Comparison (FY2018 Q1 - FY2018 Q2)

Agency	Change	Indicator
SSA	0	7
DOT	3	6
HUD	0	6
Labor	0	6
EPA	1	5
NRC	3	5
NSF	0	5
OPM	0	5
USDA	2	5
GSA	0	4
Justice	1	4
SBA	0	4
State	0	4
USAID	-1	4
Commerce	0	3
Interior	0	3
DHS	1	2
Energy	1	2
HHS	0	2
Treasury	0	2
VA	1	2
ED	-2	1
NASA	0	0

Civilian CFO Act Average

Year Quarter	Govt Change
FY 2018 Q1	N/A
FY 2018 Q2	1

Number of Agencies that Met Target

Intrusion Detection and Prevention	10	7
Exfiltration and Enhanced Defenses	16	15
Data Protection	9	6

- Meets or exceeds target (FY 2018 Q2)
- Below target (FY 2018 Q2)
- ▲ Increase from Previous Quarter
- No change from Previous Quarter
- ▼ Decrease from Previous Quarter
- FY 2018 Q1
- FY 2018 Q2