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 Q2 - FY2018 Q3)

Agency	Change	Indicator	
ED†	0%	■	100%
GSA	0%	■	100%
Interior	0%	■	100%
Justice	2%	▲	100%
NSF	0%	■	100%
OPM	0%	■	100%
SBA	2%	▲	100%
SSA	0%	■	100%
State†	18%	▲	100%
USAID	0%	■	100%
HUD	0%	■	99%
USDA	-1%	▼	99%
HHS†	13%	▲	98%
NRC	2%	▲	98%
DOT	0%	■	95%
Treasury	2%	▲	91%
DHS	10%	▲	90%
EPA	39%	▲	89%
Labor	0%	■	86%
Commerce†	17%	▲	81%
VA	0%	■	20%
NASA	0%	■	4%
Energy	-70%	▼	0%

Civilian CFO Act Average

Year Quarter	Govt Change	
FY 2018 Q2	1%	65%
FY 2018 Q3	-4%	61%

Software Asset Management

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

Agency Comparison (FY2018 Q2 - FY2018 Q3)

Agency	Change	Indicator	
GSA	0%	■	100%
HUD	0%	■	100%
OPM	0%	■	100%
SSA	0%	■	100%
State†	0%	■	100%
USDA†	0%	■	100%
Labor	6%	▲	100%
NRC	-2%	▼	98%
Justice	-1%	▼	97%
DHS	5%	▲	97%
USAID	96%	▲	96%
Interior	54%	▲	93%
ED†	-8%	▼	92%
DOT	7%	▲	92%
Treasury	-1%	▼	89%
Commerce†	10%	▲	74%
NSF	-3%	▼	49%
NASA	40%	▲	40%
HHS†	-7%	▼	28%
SBA	1%	▲	13%
VA	1%	▲	10%
Energy	-81%	▼	0%
EPA	-15%	▼	0%

Civilian CFO Act Average

Year Quarter	Govt Change	
FY 2018 Q2	-2%	63%
FY 2018 Q3	-5%	59%

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 Q2 - FY2018 Q3)

Agency	Change	Indicator	
ED	20%	▲	100%
GSA	0%	■	100%
HUD	0%	■	100%
Interior	0%	■	100%
Justice	0%	■	100%
Labor	0%	■	100%
NASA	0%	■	100%
NRC	0%	■	100%
NSF	0%	■	100%
SSA	0%	■	100%
USAID	0%	■	100%
DOT	5%	▲	100%
VA	-1%	▼	99%
Commerce	-1%	▼	99%
Energy	0%	■	97%
HHS	-1%	▼	97%
OPM	-3%	▼	97%
DHS	5%	▲	96%
USDA	2%	▲	96%
EPA	5%	▲	95%
SBA	-8%	▼	83%
Treasury	-4%	▼	82%
State	4%	▲	46%

Civilian CFO Act Average

Year Quarter	Govt Change	
FY 2018 Q2	2%	93%
FY 2018 Q3	1%	94%

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 Q2 - FY2018 Q3)

Agency	Change	Indicator	
Commerce	1%	▲	100%
ED	2%	▲	100%
GSA	0%	■	100%
HHS	4%	▲	100%
HUD	0%	■	100%
Interior	0%	■	100%
Justice	1%	▲	100%
NASA	0%	■	100%
NSF	0%	■	100%
OPM	0%	■	100%
SSA	0%	■	100%
USAID	0%	■	100%
VA	11%	▲	100%
USDA	0%	■	100%
State	0%	■	100%
NRC	0%	■	100%
Treasury	-2%	▼	97%
DOT	-1%	▼	96%
DHS	-9%	▼	91%
EPA	-11%	▼	89%
Energy	5%	▲	86%
Labor	-20%	▼	80%
SBA	-25%	▼	75%

Civilian CFO Act Average

Year Quarter	Govt Change	
FY 2018 Q2	0%	96%
FY 2018 Q3	1%	97%

Number of Agencies that Met Target

	FY 2018 Q3	FY 2018 Q2
Hardware Asset Management	15	13
Software Asset Management	11	9
Authorization Management	12	13
Mobile Device Management	18	21

† OMB and DHS have been unable to verify the accuracy of these values

Legend:
- ■ Below target (FY 2018 Q3)
- ■ Meets or exceeds target (FY 2018 Q3)
- ▲ Increase from Previous Quarter
- ■ No change from Previous Quarter
- ▼ Decrease from Previous Quarter
- FY 2018 Q2
- FY 2018 Q3

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 Q2 - FY2018 Q3)

Agency	Change	Indicator	%
ED	0%	No change	100%
EPA	0%	No change	100%
GSA	0%	No change	100%
HHS	0%	No change	100%
HUD	0%	No change	100%
Labor	0%	No change	100%
NASA	0%	No change	100%
NRC	0%	No change	100%
NSF	0%	No change	100%
OPM	0%	No change	100%
SSA	0%	No change	100%
State	89%	Increase	100%
Treasury	0%	No change	100%
USAID	24%	Increase	100%
VA	0%	No change	100%
USDA	0%	No change	100%
Interior	0%	No change	100%
DHS	0%	No change	99%
DOT	-1%	Decrease	99%
Commerce	13%	Increase	98%
Energy	0%	No change	96%
SBA	-4%	Decrease	83%
Justice	-18%	Decrease	51%

Civilian CFO Act Average

Year Quarter	Govt Change	%
FY 2018 Q2	1%	93%
FY 2018 Q3	3%	96%

High Value Asset (HVA) Access Management*

High Value Asset (HVA) Access Management: 95% of High Value Assets require all users to authenticate using a PIV card or AAL3 multifactor authentication method.

Agency Comparison (FY2018 Q2 - FY2018 Q3)

Agency	Change	Indicator	%
DOT	N/A		100%
ED†	N/A		100%
EPA	N/A		100%
HUD†	N/A		100%
Interior†	N/A		100%
Labor†	N/A		100%
NRC	N/A		100%
NSF†	N/A		100%
SSA	N/A		100%
State†	N/A		100%
USAID	N/A		100%
VA	N/A		100%
HHS†	N/A		87%
Commerce†	N/A		83%
Treasury	N/A		82%
DHS	N/A		80%
Energy	N/A		80%
GSA	N/A		67%
Justice	N/A		60%
OPM	N/A		26%
USDA	N/A		4%
NASA	N/A		3%
SBA	N/A		0%

Civilian CFO Act Average

Year Quarter	Govt Change	%
FY 2018 Q3*	N/A	59%

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 Q2 - FY2018 Q3)

Agency	Change	Indicator	%
DOT	1%	Increase	100%
ED	95%	Increase	100%
GSA	100%	Increase	100%
HUD†	0%	No change	100%
Interior†	0%	No change	100%
NRC	0%	No change	100%
OPM	0%	No change	100%
SSA†	0%	No change	100%
State†	0%	No change	100%
USAID	0%	No change	100%
SBA†	-1%	Decrease	99%
NSF	96%	Increase	97%
USDA†	0%	No change	95%
HHS	0%	No change	85%
Justice	69%	Increase	69%
DHS	0%	No change	56%
Energy	-1%	Decrease	46%
Commerce	6%	Increase	45%
Treasury	-3%	Decrease	7%
Labor	0%	No change	0%
EPA	0%	No change	0%
NASA	0%	No change	0%
VA	-100%	Decrease	0%

Civilian CFO Act Average

Year Quarter	Govt Change	%
FY 2018 Q2	37%	67%
FY 2018 Q3	-17%	51%

Number of Agencies that Met Target

Metric	Meets/exceeds (FY 2018 Q3)	FY 2018 Q2
Privileged Network Access Management	17	15
High Value Asset (HVA) Access Management*	12	
Automated Access Management	13	11

Legend:
- Below target (FY 2018 Q3)
- Meets or exceeds target (FY 2018 Q3)
- ▲ Increase from Previous Quarter
- ■ No change from Previous Quarter
- ▼ Decrease from Previous Quarter
- FY 2018 Q2
- FY 2018 Q3

† OMB and DHS have been unable to verify the accuracy of these values
* This milestone has shifted from high impact systems to High Value Assets (HVAs) due to updates in FISMA CIO metrics

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 Q2 - FY2018 Q3)

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

Civilian CFO Act Average

Year Quarter	Govt Change	Value
FY 2018 Q2	0	5
FY 2018 Q3	0	5

Exfiltration and Enhanced Defenses**

Exfiltration and Enhanced Defenses: At least 3 of 4 Exfiltration and Enhanced Defenses metrics have met an implementation target of at least 90%.

Agency Comparison (FY2018 Q2 - FY2018 Q3)

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

Civilian CFO Act Average

Year Quarter	Govt Change	Value
FY 2018 Q2	0	4
FY 2018 Q3**	0	4

Data Protection**

Data Protection: At least 4 of 6 Data Protection metrics, including data encryption and segmentation, have met an implementation target of at least 90%.

Agency Comparison (FY2018 Q2 - FY2018 Q3)

Agency	Chan..	Indicator	Value
ED†	5	▲	6
HUD†	0	⬜	6
Labor†	-1	▼	5
NSF	0	⬜	5
USAID	1	▲	5
VA	3	▲	5
DOT	-2	▼	4
GSA	0	⬜	4
Justice	0	⬜	4
OPM	-1	▼	4
SSA	-3	▼	4
State†	0	⬜	4
EPA	-2	▼	3
Interior	0	⬜	3
NRC	-2	▼	3
USDA	-2	▼	3
Commerce	-1	▼	2
DHS	0	⬜	2
HHS	0	⬜	2
NASA	2	▲	2
Treasury	0	⬜	2
SBA	-3	▼	1
Energy	-2	▼	0

Civilian CFO Act Average

Year Quarter	Govt Change	Value
FY 2018 Q2	1	4
FY 2018 Q3**	-1	3

Number of Agencies that Met Target

	FY 2018 Q3	FY 2018 Q2
Intrusion Detection and Prevention	3	10
Exfiltration and Enhanced Defenses**	23	16
Data Protection**	12	9

Legend:
- ⬛ Meets or exceeds target (FY 2018 Q3)
- 🟦 Below target (FY 2018 Q3)
- ▲ Increase from Previous Quarter
- ⬜ No change from Previous Quarter
- ▼ Decrease from Previous Quarter
- 🟨 FY 2018 Q2
- ⬛ FY 2018 Q3

† OMB and DHS have been unable to verify the accuracy of these values
**Due to changes in FISMA CIO metrics, this milestone is now tracking a smaller number of items