UK FCDO/The Shadowserver Foundation Invitation to African & Indo-Pacific National CSIRTs and Network Owners

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The UK Foreign, Commonwealth & Development Office (FCDO) has provided funding to The Shadowserver Foundation to rapidly uplift its proven public benefit services, with a focus on increasing coverage in the Africa and Indo-Pacific regions. This will be achieved by:

- Growing Shadowserver's state of the art global honeypot sensor network, enhancing Web Application and IoT attack detection capabilities,
- Extending outreach and engagement activities,
- Enhancing malware/botnet sinkholing and
- Expanding the daily network reports provided for free to National CSIRTs and network owners globally.

Shadowserver is reaching out to request assistance in identifying appropriate contacts in Africa and the Indo-Pacific regions to help additional countries receive and act on Shadowserver's FREE network reports, and to support all the project aims. A full list of countries where contacts are required is provided in Appendix A.

Shadowserver requests assistance in identifying/referring:

- Existing National CSIRTs/CERTs or government-endorsed entities responsible for establishing a National CSIRT/CERT or implementing cybersecurity policy at the national level,
- Responsible network owners - such as Internet Service Providers, hosting providers, financial institutions, health services, academic institutions and businesses (who are all entitled to **FREE** reports on their OWN networks), and
- Data centres physically located in Africa and the Indo-Pacific that can host servers (paid for by the project), to improve Shadowserver's attack detection in those regions. These data centres are likely to be known to/trusted by the in-country organisations above.

The Shadowserver Foundation is a not for profit altruistic organisation whose global mission is to make the Internet a safer place for all. Shadowserver is a registered 501c3 non-profit in the USA and a Stichting public benefit foundation registered in the Netherlands. To achieve its mission, Shadowserver provides daily network reports directly to vetted owners of network space across Industry and Government bodies, helping to support keeping networks and global Internet space secure. In essence, Shadowserver acts as a trusted third party, providing valuable cyber security insight. Shadowserver currently provides 80 types of free daily reports to 115 National CSIRTs worldwide and directly to around 5900 international network owners.

As an example of the sort of data available, the following blog post was based on Shadowserver's existing cyber threat intelligence insight in Africa:

Shadowserver's daily reports are strictly non-commercial and provided at zero cost, with no requirements or obligations. By responsibly reporting out this information at scale, only to bodies entitled to receive and act on that data, the Foundation's hope is that recipients will use the data to identify and mitigate issues - before criminals discover and then exploit them, or to ensure that the network owners are able to remediate an already impacted network as quickly as possible. Shadowserver's reports for National CSIRTs and network owners have been trusted and relied upon by network defenders and incident response teams to improve the cybersecurity posture of their networks and countries for over 15 years.

There are more than 80 daily report types available that illuminate the IP addresses of:
- Remotely accessible services
- Devices that are misconfigured or expose specific vulnerabilities
- Systems or services that may be abused or misused in some way (such as in amplification DDoS attacks)
- Infected devices (Shadowserver sinkholes over 400 strains of malware - including Android and other non-Windows malware threats) and malicious infrastructure

With the assistance and the support of Shadowserver partners, through our free cyber threat intelligence feeds and improved outreach coverage, we aim to improve detection and victim remediation in the Africa and Indo-Pacific regions, benefitting global Internet security for all.

Subscribing to the Shadowserver Reports

The Shadowserver Foundation is actively seeking new partners to help facilitate this outreach effort and identify responsible bodies to sign up for its free reports (see the link below). The process is simple and quick, with reports typically being delivered within a few days of sign up.

Shadowserver welcomes the opportunity to expand its service coverage thanks to the FCDO funding grant and encourages the engagement of all potential beneficiaries in the interests of improved global Internet security, safer networks, safer businesses and safer communities.

The Shadowserver Foundation - Useful Links, Reports & Contact Points:

https://www.shadowserver.org
To sign up now for reports:
https://www.shadowserver.org/what-we-do/network-reporting/get-reports/
To learn more about the available reports:
https://www.shadowserver.org/what-we-do/network-reporting/
Any questions/referrals or other requests for further information should be pointed to:
https://www.shadowserver.org/contact/

Appendix A: Remaining Target Countries For Network Reports

The following countries **do not** currently subscribe to Shadowserver daily network reports. The Foundation is seeking responsible bodies in each country to receive the feeds to assist in improving global Internet security (as at 2021-03-17).

ISO 3166 code	Country name	Region
DZ	Algeria	Africa
BI	Burundi	Africa
CV	Cape Verde	Africa
CF	Central African Republic	Africa
TD	Chad	Africa
KM	Comoros	Africa
DJ	Djibouti	Africa
GQ	Equatorial Guinea	Africa
ER	Eritrea	Africa
GA	Gabon	Africa
GN	Guinea	Africa
GW	Guinea-Bissau	Africa
LS	Lesotho	Africa
LR	Liberia	Africa
LY	Libya	Africa
MG	Madagascar	Africa
ML	Mali	Africa
MR	Mauritania	Africa
MU	Mauritius	Africa
YT	Mayotte	Africa
NA	Namibia	Africa
NE	Niger	Africa
CG	Republic of the Congo	Africa
RE	Reunion	Africa
SH	Saint Helena	Africa
ST	Sao Tome and Principe	Africa
SN	Senegal	Africa

SO	Somalia	Africa
EH	Western Sahara	Africa
ZM	Zambia	Africa

ISO code	Country name	Region
IO	British Indian Ocean Territory	Indo-Pacific
BN	Brunei	Indo-Pacific
CX	Christmas Island	Indo-Pacific
CC	Cocos Islands	Indo-Pacific
TL	East Timor	Indo-Pacific
FJ	Fiji	Indo-Pacific
PF	French Polynesia	Indo-Pacific
MV	Maldives	Indo-Pacific
MH	Marshall Islands	Indo-Pacific
FM	Micronesia	Indo-Pacific
NR	Nauru	Indo-Pacific
NC	New Caledonia	Indo-Pacific
NU	Niue	Indo-Pacific
NF	Norfolk Island	Indo-Pacific
PW	Palau	Indo-Pacific
PN	Pitcairn	Indo-Pacific
SB	Solomon Islands	Indo-Pacific
TK	Tokelau	Indo-Pacific
WF	Wallis and Futuna	Indo-Pacific

Appendix B: Target Countries For Honeypot Sensors

We are seeking Providers of VPSes, dedicated servers and data center hosting in the following countries:

ISO 3166 code	Country name	Region
DZ	Algeria	Africa
AO	Angola	Africa
BJ	Benin	Africa
BW	Botswana	Africa
BF	Burkina Faso	Africa
BI	Burundi	Africa
CM	Cameroon	Africa
CV	Cape Verde	Africa
CF	Central African Republic	Africa
TD	Chad	Africa
KM	Comoros	Africa
DJ	Djibouti	Africa
EG	Egypt	Africa
GQ	Equatorial Guinea	Africa
ER	Eritrea	Africa
ET	Ethiopia	Africa
GA	Gabon	Africa
GM	Gambia	Africa
GH	Ghana	Africa
GN	Guinea	Africa
GW	Guinea-Bissau	Africa
KE	Kenya	Africa
LS	Lesotho	Africa
LR	Liberia	Africa
LY	Libya	Africa
MG	Madagascar	Africa
MW	Malawi	Africa

ML	Mali	Africa
MR	Mauritania	Africa
MU	Mauritius	Africa
YT	Mayotte	Africa
MA	Morocco	Africa
MZ	Mozambique	Africa
NA	Namibia	Africa
NE	Niger	Africa
NG	Nigeria	Africa
CG	Republic of the Congo	Africa
RE	Reunion	Africa
RW	Rwanda	Africa
SH	Saint Helena	Africa
ST	Sao Tome and Principe	Africa
SN	Senegal	Africa
SC	Seychelles	Africa
SL	Sierra Leone	Africa
SO	Somalia	Africa
ZA	South Africa	Africa
SZ	Swaziland	Africa
TG	Togo	Africa
TN	Tunisia	Africa
UG	Uganda	Africa
EH	Western Sahara	Africa
ZM	Zambia	Africa
AS	American Samoa	Indo-Pacific
AU	Australia	Indo-Pacific
BD	Bangladesh	Indo-Pacific
BT	Bhutan	Indo-Pacific
IO	British Indian Ocean Territory	Indo-Pacific
BN	Brunei	Indo-Pacific
KH	Cambodia	Indo-Pacific
CX	Christmas Island	Indo-Pacific

CC	Cocos Islands	Indo-Pacific
CK	Cook Islands	Indo-Pacific
TL	East Timor	Indo-Pacific
FJ	Fiji	Indo-Pacific
PF	French Polynesia	Indo-Pacific
GU	Guam	Indo-Pacific
IN	India	Indo-Pacific
ID	Indonesia	Indo-Pacific
JP	Japan	Indo-Pacific
KI	Kiribati	Indo-Pacific
LA	Laos	Indo-Pacific
MY	Malaysia	Indo-Pacific
MV	Maldives	Indo-Pacific
MH	Marshall Islands	Indo-Pacific
FM	Micronesia	Indo-Pacific
MN	Mongolia	Indo-Pacific
NR	Nauru	Indo-Pacific
NP	Nepal	Indo-Pacific
NC	New Caledonia	Indo-Pacific
NZ	New Zealand	Indo-Pacific
NU	Niue	Indo-Pacific
NF	Norfolk Island	Indo-Pacific
MP	Northern Mariana Islands	Indo-Pacific
PW	Palau	Indo-Pacific
PG	Papua New Guinea	Indo-Pacific
PH	Philippines	Indo-Pacific
PN	Pitcairn	Indo-Pacific
WS	Samoa	Indo-Pacific
SG	Singapore	Indo-Pacific
SB	Solomon Islands	Indo-Pacific
KR	South Korea	Indo-Pacific
LK	Sri Lanka	Indo-Pacific
TW	Taiwan	Indo-Pacific

TH	Thailand	Indo-Pacific
TK	Tokelau	Indo-Pacific
TO	Tonga	Indo-Pacific
TV	Tuvalu	Indo-Pacific
UM	United States Minor Outlying Islands	Indo-Pacific
VU	Vanuatu	Indo-Pacific
VN	Vietnam	Indo-Pacific
WF	Wallis and Futuna	Indo-Pacific