

US sanctions Iran's information minister over internet blackout

Iran's internet blackout reaches four-day mark

Chris Baraniuk
Technology reporter
November 13, 2019 9:50PM EDT

Bangladesh: Internet Blackout

POLITICS + HOLIDAYS

Politics over turkey?

THE BEST MORNING READS

* + ☎ = 😊

MACY'S PARADE

Balloons of past years

Sports

Entertainment

Life

Money

Tech

Travel

Opinion

@bugg

WORLD

'Tool of repression': Iran and regimes from Ethiopia to Venezuela limit Internet, go online

Kim Hjelgaard USA TODAY

Published 2:00 a.m. ET Nov. 23, 2019 | Updated 3:47 a.m. ET Nov. 23, 2019



Internet Blackout



TECH

Internet Outage Left Doctors Without Records For Hours

"We worked closely with our partner to minimize the outage's impact to our broader user base," the spokesperson said. "We are grateful for the support of our users."

By Gerry Smith



TECH

Look At What Just Happened To Syria's Internet

Beginning around 8:30 a.m. ET on Thursday, Renesys, one of the Internet monitors, reported that 95 percent of the country

By Carina Kolodny

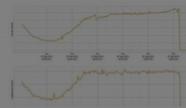


THE WORLD POST

The Roots of Hysteria

In September 2009, an incident of mass hysteria erupted in Urumqi, the regional capitol of East Turkestan in northwestern China.

By Greg Fay



VIDEOS

Internet Outage Reported In Syria

Multiple Internet monitoring services are reporting that the Internet has gone down in Syria.

By HuffPost Video

Iranian Americans Blackout

As Iran's countrywide internet shutdown leaves relatives.



Bloomberg Opinion

Politics & Policy

How Activists Are Getting Around Internet Blackout

The latest unrest in Tehran and other major cities is a serious test of the

US sanctions Iran's information minister over internet blackout

Iran's internet blackout reaches four-day mark

Chris Baraniuk
Technology reporter
November 13, 2019 9:50PM ET |

Bangladesh: Internet Blackout

POLITICS + HOLIDAYS

Politics over turkey?

THE BEST MORNING READS

* + E = ☺

MACY'S PARADE

Balloons of past years

Sports

Entertainment

Life

Money

Tech

Travel

Opinion

Internet Blackout



TECH

Internet Outage Left Doctors Without Records For Hours

"We worked closely with our partner to minimize the outage's impact to our broader user base," the spokesperson said. "We are grateful for the support of our users during this time."

By Gerry Smith



TECH

Look At What Just Happened To Syria's Internet

Beginning around 8:30 a.m. ET on Thursday, Renesys, one of the Internet monitors, reported that 95 percent of the country was offline.

By Carina Kolodny



THE WORLD POST

The Roots of Hysteria

In September 2009, an incident of mass hysteria erupted in Urumqi, the regional capitol of East Turkestan in northwestern China.

By Greg Fay



VIDEOS

Internet Outage Reported In Syria

Multiple Internet monitoring services are reporting that the Internet has gone down in Syria.

By HuffPost Video

Iranian Americans Blackout

As Iran's countrywide internet shutdown continues, Iranian Americans are reaching out to relatives.



Bloomberg Opinion

Politics & Policy

How Activists Are Getting Around Internet Blackout

The latest unrest in Tehran and other major cities is a serious test of the resilience of activists.

WORLD

'Tool of repression': Iran and regimes from Ethiopia to Venezuela limit Internet, go online

Kim Hjelmgaard USA TODAY

Published 2:00 a.m. ET Nov. 23, 2019 | Updated 3:47 a.m. ET Nov. 23, 2019



US sanctions Iran's information minister over internet blackout

What's HOT

Iran's internet blackout reaches four-day mark

- Psiphon
 - Proxy/VPN-ish app
- FireChat
 - Bluetooth/WiFi P2P Mesh IM app
- Bridgefy
 - Bluetooth/WiFi P2P Mesh IM app

Bangladesh: Internet Blackout

POLITICS + HOLIDAYS
With Turkey's
* + = ☺

THE BEST MORNING READS
MACY'S PARADE
Balloons of past years

Sports Entertainment Life Money Tech Travel Opinion

WORLD

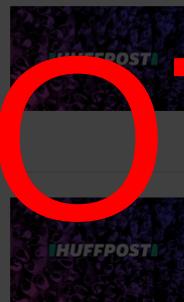
'Tool of repression': Iran and regimes from Ethiopia to Venezuela limit Internet, go online

Kim Hjelgaard USA TODAY

Published 2:00 a.m. ET Nov. 23, 2019 | Updated 3:47 a.m. ET Nov. 23, 2019



Internet Blackout



TECH

Internet Outage Left Doctors Without Tools For Hours

"We worked closely with our partner to minimize the outage's impact to our broader user base," the spokesperson said. "We

By Jerry Smith

TECH

Look At What Just Happened To Syria's Internet

Beginning around 8:30 a.m. ET on Thursday, Renesys, one of the Internet monitors, reported that 95 percent of the country

By Carina Kolodny

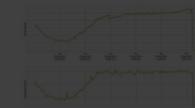


THE WORLD POST

The Roots of Hysteria

In September 2009, an incident of mass hysteria erupted in Urumqi, the regional capitol of East Turkestan in northwestern China.

By Greg Fay



VIDEOS

Internet Outage Reported In Syria

Multiple Internet monitoring services are reporting that the Internet has gone down in Syria.

By HuffPost Video

Iranian Americans Blackout

As Iran's countrywide internet shutdown leaves relatives.



Bloomberg Opinion

Politics & Policy

How Activists Are Getting Around Internet Blackout

The latest unrest in Tehran and other major cities is a serious test of the

Internet Blackout

US sanctions Iran's information minister over Internet blackout

What's needed

Iran's internet blackout reaches four-day mark

Chris Baraniuk
Technology reporter
November 13, 2019 9:50PM ET |

Bangladesh: Internet Blackout

POLITICS + HOLIDAYS

Politics over turkey?

THE BEST MORNING READS

* + ☎ = 😊

MACY'S PARADE

Balloons of past years

Sports

Entertainment

Life

Money

Tech

Travel

Opinion

TECH

Internet Outage Left Doctors Without Records For Hours

"We worked closely with our partner to minimize the outage's impact," said Gerry Smith, a spokesman for the company.

Internet

Beginning around 8:30 a.m. ET on Thursday, Renesys, one of the Internet monitors, reported that 95 percent of the country

By Carina Kolodny



THE WORLD POST

The Roots of Hysteria

In September 2009, an incident of mass hysteria erupted in Urumqi, the regional capitol of East Turkestan in northwestern China.

By Greg Fay

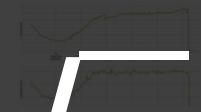


VIDEOS

Internet Outage Reported In Syria

Multiple Internet monitoring services are reporting that the Internet has gone down in Syria.

By HuffPost Video



Iranian Americans Blackout

As Iran's countrywide internet shutdown relatives.



[citation needed]

Politics & Policy

How Activists Are Getting Around Internet Blackout

The latest unrest in Tehran and other major cities is a serious test of the

WORLD

'Tool of repression': Iran and regimes from Ethiopia to Venezuela limit Internet, go online

Kim Hjelgaard USA TODAY

Published 2:00 a.m. ET Nov. 23, 2019 | Updated 3:47 a.m. ET Nov. 23, 2019



Internet Blackout



TECH

Internet Outage Left Doctors Without Records For Hours

We worked closely with our partner to minimize the outage's impact to our broader user base," the spokesperson said. "We're sorry for any inconvenience."

TECH

Look At What Just Happened To Syria's Internet

Beginning around 8:30 a.m. ET on Thursday, Renesys, one of the Internet monitors, reported that 95 percent of the country was offline.

By Carina Kolodny

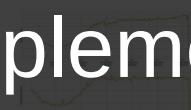


THE WORLD POST

The Roots of Hysteria

In September 2009, an incident of mass hysteria erupted in Urumqi, the regional capitol of East Turkestan in northwestern China.

By Greg Fay



VIDEOS

Internet Outage Reported In Syria

Multiple Internet monitoring services are reporting that the Internet has gone down in Syria.

By HuffPost Video

Iranian Americans Blackout

As Iran's countrywide internet shutdown continues, many relatives.



Bloomberg Opinion

Politics & Policy

How Activists Are Getting Around Internet Blackout

The latest unrest in Tehran and other major cities is a serious test of the

US sanctions Iran's information minister over internet blackout

What I think

iran's internet blackout reaches four-day mark

- Long range communication
- A bridge to the internet
- Stupid simple, easy enough to implement
- Cheap
- Reliable
- Robust to many forms of censorship

'Tool of repression': Iran and regimes from Ethiopia to Venezuela are getting online

Kim Hjelgaard USA TODAY

Published 2:00 a.m. ET Nov. 23, 2019 | Updated 3:47 a.m. ET Nov. 23, 2019



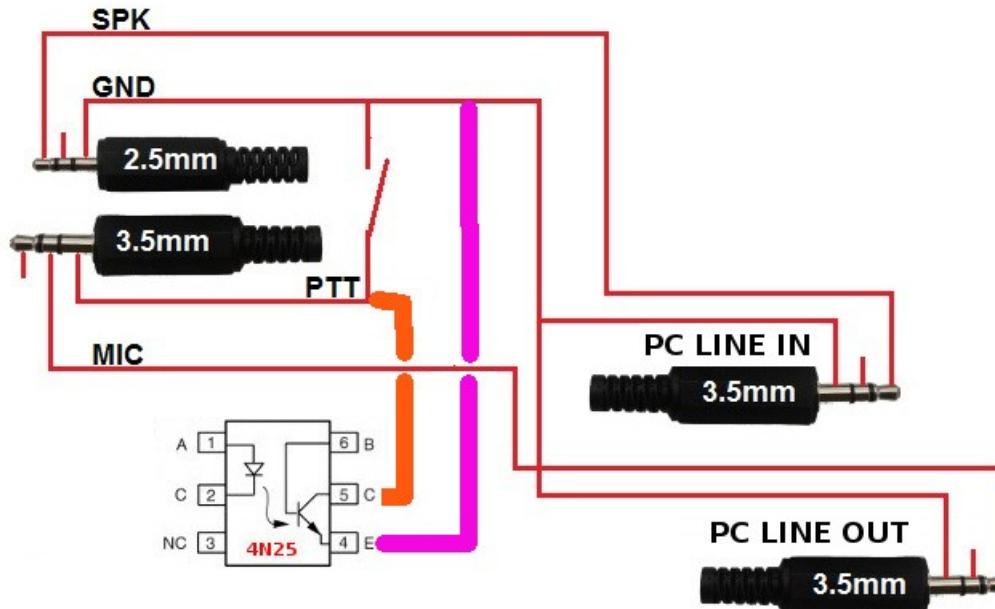
Internet Blackout

US sanctions Iran's information minister over internet blackout

What I think

iran's internet blackout reaches four-day mark

Chris Baraniuk
Technology reporter
Member 13, 2019 9:50PM EDT



^ here every small tent is connected to a LAN via wifi link, main station here is connected to radio equipments, relying messages from/to the LAN from/to another remote radio node. (optionally offering an internet gateway to everyone if it's available)



TECH

Internet Outage Left Doctors Without Records For Hours

We worked closely with our partner to minimize the outage's impact to our broader user base," the spokesperson said. "We're sorry for any inconvenience."

TECH

Look At What Just Happened To Syria's Internet

Beginning around 8:30 a.m. ET on Thursday, Renesys, one of the Internet monitors, reported that 95 percent of the country

By Matt Kolodny

WORLD POST

Roots of Hysteria

In September 2009, an incident of mass hysteria erupted in Urumqi, the regional capital of East Turkestan in northwestern China.

By

Internet Outage Reported In Syria

Internet Blackout



TECH

Internet Outage Left Doctors Without Records For Hours

We worked closely with our partner to minimize the outage's impact to our broader user base," the spokesperson said. "We're sorry for any inconvenience."

TECH

Look At What Just Happened To Syria's Internet

Beginning around 8:30 a.m. ET on Thursday, Renesys, one of the Internet monitors, reported that 95 percent of the country was offline.

By Carina Kolodny



THE WORLD POST

The Roots of Hysteria

In September 2009, an incident of mass hysteria erupted in Urumqi, the regional capitol of East Turkestan in northwestern China.

By Greg Fay

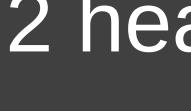


VIDEOS

Internet Outage Reported In Syria

Multiple Internet monitoring services are reporting that the Internet has gone down in Syria.

By HuffPost Video



INTERNATIONAL

Americans Face Internet Blackout

As Iran's countrywide internet shutdown continues, Americans are sharing their stories with relatives.



Politics & Policy

How Activists Are Getting Around Internet Blackout

The latest unrest in Tehran and other major cities is a serious test of the resilience of activists.

US sanctions Iran's information minister over internet blackout

Iran's internet blackout reaches four-day mark

- A simple ipv4 bridge

Chris Baraniuk
Technology reporter
Member since 13, 2013
Who needs ipv6 anyways

- Should use an existing software modem
 - Ex: Dire Wolf, Fldigi
- Should just need to hook-up with 2 headphone cables

- audio in & audio out
 - Also a cable to control vox but that's beyond the scope of this presentation

- Frequency independent
 - Self-adjusting based on current realized bandwidth

- No API just an ipv4 bridge



Internet Blackout



TECH
Internet Outage Left Doctors Without Records For Hours

"We worked closely with our partner to minimize the outage's impact to our broader user base," the spokesperson said. "We"

By Gerry Smith

Look At What Just Happened To Syria's Internet

Beginning around 8:30 a.m. ET on Thursday, Renesys, one of the Internet monitors, reported that 95 percent of the country

By Carina Kolodny



THE WORLD POST
The Roots of Hysteria

In September 2009, an incident of mass hysteria erupted in Urumqi, the regional capitol of East Turkestan in northwestern China.

By Greg Fay

VIDEOS

Internet Outage Reported In Syria

Multiple Internet monitoring services are reporting that the Internet has gone down in Syria.

By HuffPost Vid

Iranian Americans Face Internet Blackout

As Iran's countrywide internet shutdown continues, Iranian Americans are reaching out to their relatives.



Bloomberg Opinion

Politics & Policy

How Activists Are Getting Around Internet Blackout

The latest unrest in Tehran and other major cities is a serious test of the

US sanctions Iran's information minister over internet blackout

What exists

an's internet blackout reaches four-day

ke Act

- AirChat

Chris Baraniuk
Technology reporter
Member 13, On Assignment

- Probably the closest to my vision

- Already has everything but the bridge
- Currently hooks Fldigi up to a custom api
- Dead project :(

- Dire Wolf

- More than a modem but 'Internet Gateway' is only for APRS servers not ipv4

- Fldigi a limit Internet, go online
- Only a modem

Kim Hjelmggaard USA TODAY

Published 2:00 a.m. ET Nov. 23, 2019 | Updated 3:47 a.m. ET Nov. 23, 2019



US sanctions Iran's information minister over internet blackout

Obstacles

Iran's internet blackout reaches four-day mark

- The tech doesn't exist*
- I'm not gonna make it
- Best case is ~500Kb/s
- The end result would be illegal**
- The development would be illegal**
- The research and testing would be illegal**

'Tool of repression': Iran and

*The pieces are there but the glue isn't

**While you could technically do this all in an

unlicensed spectrum that would make everything much harder



TECH

Internet Outage Left Doctors Without Records For Hours

"We worked closely with our partner to minimize the outage's impact to our broader user base," the spokesperson said. "We"

By Gerry Smith



TECH

Look At What Just Happened To Syria's Internet

Beginning around 8:30 a.m. ET on Thursday, Renesys, one of the Internet monitors, reported that 95 percent of the country

By Carina Kolodny

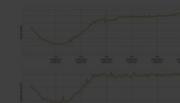


THE WORLD POST

The Roots of Hysteria

In September 2009, an incident of mass hysteria erupted in Urumqi, the regional capitol of East Turkestan in northwestern China.

By Greg Fay



VIDEOS

Internet Outage Reported In Syria

Multiple Internet monitoring services are reporting that the Internet has gone down in Syria.

By HuffPost Video

Iranian Americans Blackout

As Iran's countrywide internet shutdown continues.



Activists in Tehran

Opinion

Politics & Policy

How Activists Are Getting Around Internet Blackout

The latest unrest in Tehran and other major cities is a serious test of the

WORLD

'Tool of repression': Iran and

*The pieces are there but the glue isn't

**While you could technically do this all in an

unlicensed spectrum that would make everything much harder

Kim Hjelmgaard USA TODAY

Published: 2:00 p.m. ET Nov. 23, 2019 | Updated: 2:00 p.m. ET Nov. 23, 2019



US sanctions Iran's information minister over internet blackout

Where does that leave us?

Iran's internet blackout reaches four-day mark

- Psiphon
 - Proxy/VPN-ish app
- FireChat
 - Bluetooth/WiFi P2P Mesh IM app
- Bridgefy
 - Bluetooth/WiFi P2P Mesh IM app

Bangladesh: Internet Blackout

POLITICS + HOLIDAYS

With Turkey's

THE BEST MORNING READS

* + ☎ = 😊

MACY'S PARADE

Balloons of past years

Sports

Entertainment

Life

Money

Tech

Travel

Opinion

WORLD

'Tool of repression': Iran and regimes from Ethiopia to Venezuela limit Internet, go online

Kim Hjelgaard USA TODAY

Published 2:00 a.m. ET Nov. 23, 2019 | Updated 3:47 a.m. ET Nov. 23, 2019



Internet Blackout



TECH

Internet Outage Left Doctors Without Records For Hours

"We worked closely with our partner to minimize the outage's impact to our wider user base," the spokesperson said. "We are sorry for any inconvenience."



TECH

Look At What Just Happened To Syria's Internet

Beginning around 8:30 a.m. ET on Thursday, Renesys, one of the Internet monitors, reported that 95 percent of the country

By Carina Kolodny

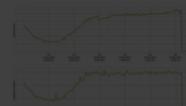


THE WORLD POST

The Roots of Hysteria

In September 2009, an incident of mass hysteria erupted in Urumqi, the regional capitol of East Turkestan in northwestern China.

By Greg Fay



VIDEOS

Internet Outage Reported In Syria

Multiple Internet monitoring services are reporting that the Internet has gone down in Syria.

By HuffPost Video

Iranian Americans Blackout

As Iran's countrywide internet shutdown leaves relatives.



Bloomberg Opinion

Politics & Policy

How Activists Are Getting Around Internet Blackout

The latest unrest in Tehran and other major cities is a serious test of the

US sanctions Iran's information minister over internet blackout

Iran's internet blackout reaches four-day mark

Chris Baraniuk
Technology reporter
November 13, 2019 9:50PM EDT

Bangladesh: Internet Blackout

POLITICS + HOLIDAYS

Politics over turkey?

THE BEST MORNING READS

* + ☎ = 😊

MACY'S PARADE

Balloons of past years

Sports

Entertainment

Life

Money

Tech

Travel

Opinion

?s

WORLD

'Tool of repression': Iran and regimes from Ethiopia to Venezuela limit Internet, go online

Kim Hjelgaard USA TODAY

Published 2:00 a.m. ET Nov. 23, 2019 | Updated 3:47 a.m. ET Nov. 23, 2019



Internet Blackout



TECH

Internet Outage Left Doctors Without Records For Hours

"We worked closely with our partner to minimize the outage's impact to our broader user base," the spokesperson said. "We are grateful for the support of our users."

By Gerry Smith



TECH

Look At What Just Happened To Syria's Internet

Beginning around 8:30 a.m. ET on Thursday, Renesys, one of the Internet monitors, reported that 95 percent of the country

By Carina Kolodny

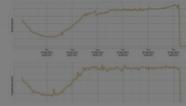


THE WORLD POST

The Roots of Hysteria

In September 2009, an incident of mass hysteria erupted in Urumqi, the regional capitol of East Turkestan in northwestern China.

By Greg Fay



VIDEOS

Internet Outage Reported In Syria

Multiple Internet monitoring services are reporting that the Internet has gone down in Syria.

By HuffPost Video

Iranian Americans Blackout

As Iran's countrywide internet shutdown leaves relatives.



Bloomberg Opinion

Politics & Policy

How Activists Are Getting Around Internet Blackout

The latest unrest in Tehran and other major cities is a serious test of the