

OFFICE OF THE DIRECTOR OF NATIONAL INTELLIGENCE



Forecasting the Future of Cloud Computing

L E A D I N G I N T E L L I G E N C E I N T E G R A T I O N

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SciCast

- SciCast is an IARPA-funded prediction market focused on science and technology. It aggregates the knowledge of a diverse group of scientists, engineers, and others from around the world, and returns forecasts on future innovations.
- SciCast is different from other prediction markets because it can create and explore relationships among questions.



Evaluation

- Run the world's largest S&T forecasting tournament.
- Evaluate using real events (1,000 per year). E.g., “Will \$100 whole human genome sequencing costs be achieved in 2015?”
- Evaluate against best known approaches: statistical models, deliberating experts, flat prediction markets, intelligence community forecasts.



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134 FORECASTS MADE

Predict tomorrow, today.

SciCast is a crowdsourced forecasting platform for Science and Technology. [Learn more...](#)

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HOW SCICAST WORKS



Register



Make Forecasts



Make Updates



Check Results



Which smart technology in the Internet-of-Things will be most vulnerable to cyber attacks in 2014?

Make a Forecast

Discussion (4)

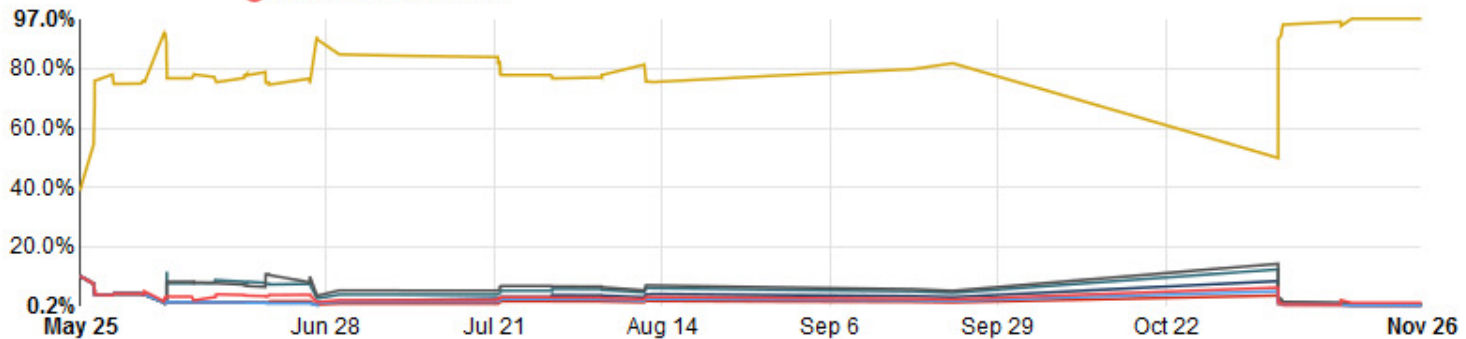
Background

Trends & History

Trends

Trend graph data is updated nightly.

- Wearable technology – smart watches, Google glass, smart handbags, fitness bands, clothing, etc.
- Consumer appliances – smart TVs, printers, refrigerators, HVAC systems, home security systems, etc.
- Smart meters
- Mobile phones
- Automobiles
- Medical monitoring and smart medical devices
- Other networked device





The Internet of Things (IoT) consisted of about 20 billion connected devices at the end of 2013. How many 'things' will be connected to the Internet by the end of 2014?

Make a Forecast

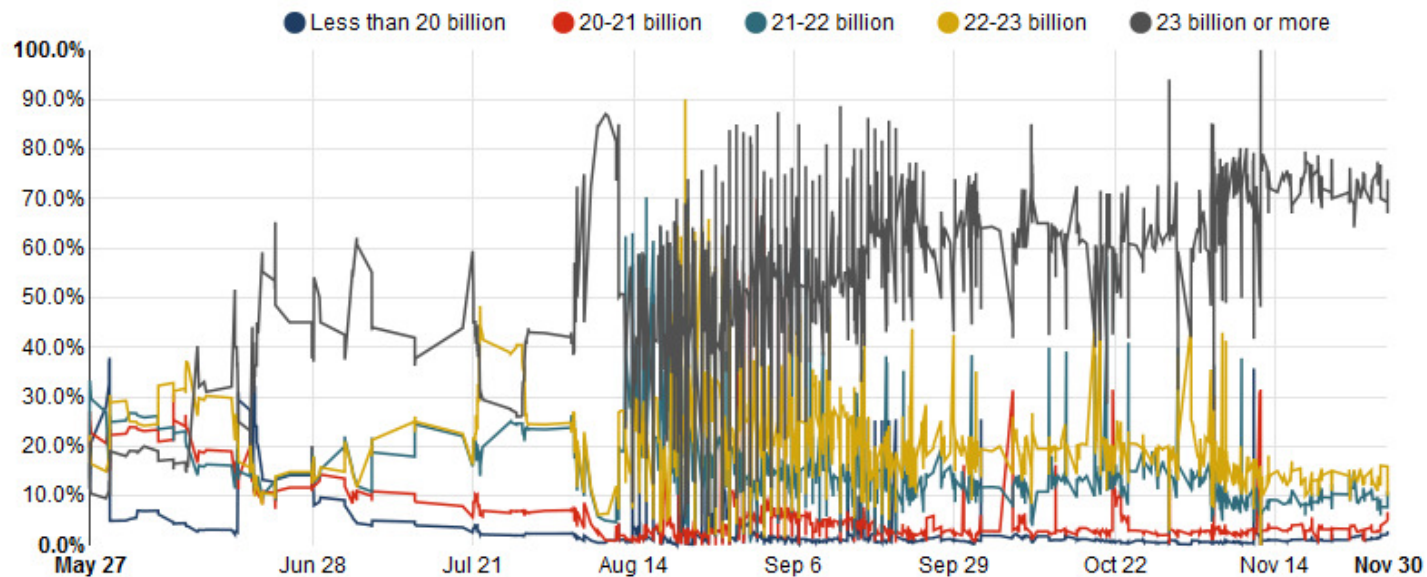
Discussion (38)

Background

Trends & History

Trends

Trend graph data is updated nightly.





Will Docker announce a 4th round (series D) of funding in 2015?

35% Chance
Unchanged today

WHAT DO YOU THINK?

In any fiscal quarter in FY2016, will Microsoft's revenue from cloud services exceed that of on-premise software?

60% Chance
Unchanged today

WHAT DO YOU THINK?

Which region will have the highest growth rate in cloud computing services, measured as CAGR, from 2015 to 2017?

WHAT DO YOU THINK?

Comments

HIDE POSSIBLE ANSWERS <

Americas	51% Chance Unchanged today
EMEA	24% Chance Unchanged today
Asia-Pacific Rim	24% Chance Unchanged today
Other	1% Chance Unchanged today



Participation

- Think these forecasts are wrong? Fix them.
- Sign up at SciCast.org to add your own estimate. Improve collective intelligence about cloud computing (and dozens of other topics), and earn bragging rights.

SIGN UP TO BECOME A SCICAST FORECASTER

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Optional: Pick topics of interest to improve your experience

I am eighteen (18) years of age or older and have read, understand and agree to the informed consent statement.

SUBMIT