

## **China's CERNET and Transition to IPv6**

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### **Abstract:**

China Education and Research Network (CERNET) provides the Internet access to 1,500 universities and institutions with about 20 million end users in China. As the major part of China Next Generation Internet (CNGI), CERNET is now building the next generation of CERNET, CERNET II, as one of the world's largest test beds of native IPv6 deployment. At the same time, CERNET also researches on the transition technologies from IPv4 to IPv6 and especially takes the leadership on the standardization of the scalable automatic mechanism for IPv4 over IPv6.

### **Biography:**

Prof. Yong Cui, received the Ph.D. degree in 2004 from Tsinghua University, China. He is now an assistant professor at the Department of Computer Science in Tsinghua University. In addition to dozens of international publications and several patents in China, he is now working specifically on the transition of Internet from IPv4 to IPv6. He is an editor of several IETF draft. His major research interests include computer network architecture, distributed routing protocols, QoS routing and core routers.