The botnet is controlled by an attacker, which is formed by a lot of vulnerable hosts. The botnet is one of the biggest threats on the Internet. The attacker usually uses it to attack, such as: spam, distributed denial of service attacks, fraud and so on. In this paper, we mainly study the control channel of the botnet, including the IRC protocol, the P2P protocol and the HTTP protocol. At the same time, this paper also studies the detection method of the botnet, which includes the host based detection method and the network based detection method.

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Index Terms

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Botnet, Command and Control, P2P, Detection, DDoS.