



Lycaon

Technical

Overview

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2015. 06. 12

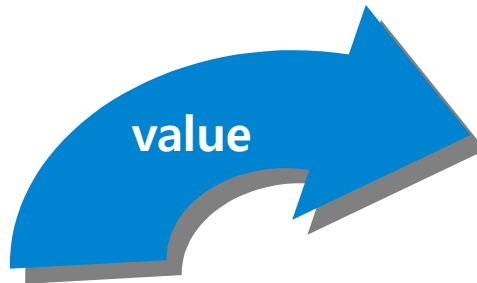
Lycaon – FDS Appliance

Lycaon is Neural Stream-FDS(Fraud Detection System) appliance made by **BICube™**.



Lycaon's main features

- **Exclusive Server implemented Neural Stream-FDS**
- **BICube™ machine learning platform extensible**
- **Stable In-memory calculation function for customer profiling and online-learning**
- **High efficiency, Low cost**

Lycaon – added value of FDS Appliance**High efficiency, low cost TCO, simplicity****Reduce initial introduction cost, continuing operation expense and cut TCO****As compared with existing FDS system, 10~ 100 times fast efficiency without special tuning****BICube™****Needless physical design, install and complete a stand-by 5days after bringing in the equipment**

H/W Spec I

You select H/W qualification which you want to fit in customer for profiling (6 options)

Product Name	Specifications of Server		
Common	master node (one node)	cpu : AMD 32 core memory : 128G	all spec's product include common master node
Lycaon-F 1101N5	stream nodes (2~10 nodes)	cpu : AMD 32 core memory : 512G	1 million users Profiling
Lycaon-F 1201-N5	stream nodes (4 nodes)	cpu : AMD 32core memory : 1T	3 million users Profiling
Lycaon-F 1301-N5	stream nodes (2~10 nodes)	cpu : Intel Xeon 18 core * n memory : 2T	5 million users Profiling
Lycaon-F 1401-N5	stream nodes (2~10 nodes)	cpu : Intel Xeon 18 core * n memory : 3T	7 million users Profiling
Lycaon-F 1501-N5	stream nodes (2~10 nodes)	cpu : Intel Xeon 18 core * n memory : 6T	10 million users Profiling

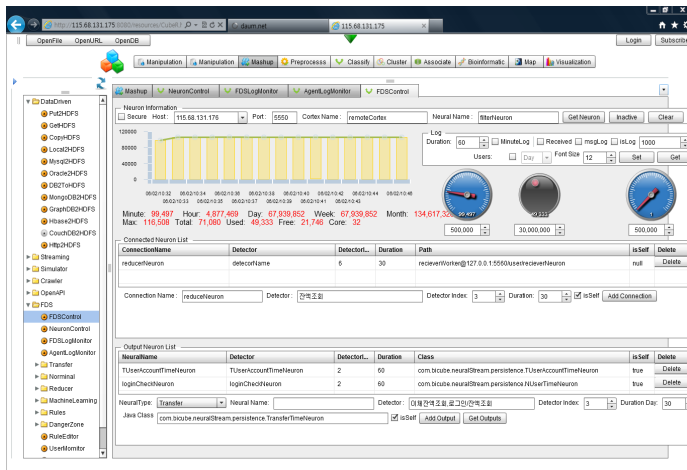
※ You should inquire us over 10 million users profiling

Do you have these issues?

- **Do you have a lot of rules ? Could your FDS process high volume of data ?**
- **Do you want to set up FDS with BigData technology? Is it hard to search for a FDS tool with real BigData technology?**
- **Are you willing to adopt the next generation's FDS application applied machine learning algorithms ?**
- **Do you think about a flexible expansion after building FDS?**

We are ready to do BMT




you could test FDS scenarios as soon.




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이상 금융거래 시나리오 No.1

[현실적으로 불가능한 인출 시도]
 서울에서 인출된 계좌로 한시간도 안되서 북경에서 인출 요청이 들어오는 경우


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이상 금융거래 시나리오 No.2

[새벽 시간대 이뤄진 여러번의 인출]
 온라인 뱅킹 거래가 많은 새벽시간대(00:00 - 06:00) 동일 계좌에서 3번 이상의 인출이 일어남





여기는 중국


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이상 금융거래 시나리오 No.3

[블랙 리스트에 포함된 IP에서의 거래 요청]
 Malware에 감염 됐을 확률이 높거나 금융사고와 관련있는 IP로 이체 요청이 온 경우


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Thank you