Title (en)
RULE GENERATION FOR NETWORK DATA

Title (de)
REGELERZEUGUNG FÜR NETZWERKDATEN

Title (fr)
GÉNÉRATION DE RÈGLES POUR DONNÉES DE RÉSEAU

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Application
EP 18932045 A 20180828

Priority
IN 2018050550 W 20180828

Abstract (en)
[origin: WO2020044352A1] A method (100) for generating a rule for the grouping of network data into incidents is disclosed. The method comprises obtaining time series data representing operation of the network, the time series data comprising notifications of events occurring within the network (110) and dividing the obtained time series data into segments, a segment comprising data representing operation of a part of the network (120). The method further comprises, for a segment of time series data, normalising a structure of the time series data into time series data items, a time series data item comprising a property of a notified event (130) and grouping the normalised time series data items into transactions, wherein a transaction comprises a group of time series data items occurring within a time window (140). The method further comprises, for a segment of time series data, identifying a pattern of time series data items in the transactions using a machine learning process, a pattern comprising a set of data items that are correlated (150) and translating the identified pattern into a rule, wherein the rule comprises a specification of events to be grouped into a network incident, a specified event being identified by a data item comprising a property of the specified event (160).

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